

# **journal of magnetism and magnetic materials**

**MASTER INDEX**

**Volumes 92-110**

**November 1990-May 1992**

**Editor:**

**A.J. FREEMAN**

**Associate Editors:**

**G. BATE**

**J.G. BOOTH**

**I.A. CAMPBELL**

**R.W. CHANTRELL**

**H. FUJIMORI**

**V.I. OZHOGIN**

**L.J. VARNERIN**



**Recognized by the  
European Physical Society**

**NORTH-HOLLAND**

1992 publication program

# JOURNAL OF MAGNETISM AND MAGNETIC MATERIALS

## Editor

A.J. FREEMAN, Dept. of Physics and Astronomy, Northwestern University, EVANSTON, IL 60208-3112, USA

## Associate Editors

G. BATE \*, University of Santa Clara, Dept. of Electronic Engineering and Computer Science, SANTA CLARA, CA 95053, USA  
J.G. BOOTH, Department of Pure and Applied Physics, University of Salford, SALFORD M5 4WT, UK  
I.A. CAMPBELL, Lab. de Physique des Solides, Université de Paris-Sud, Bât. 510, 91405 ORSAY Cedex, France  
R.W. CHANTRELL \*, Physics Department, Keele University, KEELE, Staffordshire ST5 5BG, UK  
H. FUJIMORI, Institute for Materials Research, Tohoku University, Katahira 2-1-1, SENDAI 980, Japan  
V.I. OZHOGIN, Kurchatov Institute of Atomic Energy, Kurchatov Square 2, 123182 MOSCOW, Russian Federation  
L.J. VARNERIN, Computer Science and Electrical Engineering Department, Lehigh University, BETHLEHEM, PA 18015, USA

## Advisory Editors

The complete mailing addresses of all Editors are printed in the beginning of each volume.

B. ANTONINI, <i>Coppito</i>	K.A. GSCHNEIDNER, Jr., <i>Ames, IA</i>	Y. NAKAMURA *, <i>Sendai</i>
A. ARROTT, <i>Burnaby 2, BC</i>	N. IMAMURA *, <i>Ayase-Shi</i>	V.I. PETINOV, <i>Chernogolovka</i>
J. ARTMAN, <i>Pittsburgh, PA</i>	G.M. KALVIUS, <i>Garching</i>	F.E. PINKERTON, <i>Warren, MI</i>
S.D. BADER, <i>Argonne, IL</i>	T. KASUYA, <i>Sendai</i>	J.L. PORTESEIL, <i>Grenoble</i>
J.I. BUDNICK, <i>Storrs, CT</i>	J.S. KOUVEL, <i>Chicago, IL</i>	G. PRINZ, <i>Washington, DC</i>
K.H.J. BUSCHOW, <i>Eindhoven</i>	J.C. LODDER *, <i>Enschede</i>	F.C. PU, <i>Peking</i>
J.N. CHAPMAN *, <i>Glasgow</i>	F.E. LUBORSKY, <i>Schenectady, NY</i>	J.J. RHYNE, <i>Columbia, MO</i>
J.M.D. COEY, <i>Dublin</i>	S.B. LUITJENS *, <i>Eindhoven</i>	J.C. SLONCZEWSKI, <i>Yorktown Heights, NY</i>
N. CONNELL *, <i>Palo Alto, CA</i>	A.R. MACKINTOSH, <i>Copenhagen</i>	H. SZYMCAK, <i>Warsaw</i>
C.E.T.G. da SILVA, <i>Campinas</i>	D. MELVILLE, <i>London</i>	R.J. VEITCH *, <i>Ludwigshafen</i>
D.M. EDWARDS, <i>London</i>	S. METHFESSEL, <i>Bochum-Querenburg</i>	H. VÖLZ *, <i>Berlin</i>
E. FAWCETT, <i>Toronto</i>	S. MIYAOKA *, <i>Tokyo</i>	S.V. VONSOVSKY, <i>Ekaterinburg</i>
J.J.M. FRANSE, <i>Amsterdam</i>	E. MÜLLER-HARTMANN, <i>Cologne</i>	W.E. WALLACE, <i>Pittsburgh, PA</i>
F.J. FRIEDLAENDER, <i>Lafayette, IN</i>		W. ZINN, <i>Jülich</i>

\*: Editor section Information Storage: Basic and Applied

## Desk Editor

J.M. HOGENDORP, Elsevier Science Publishers B.V. (North-Holland), P.O. Box 103, 1000 AC Amsterdam, The Netherlands

Cover design by Jonathan Eric Freeman (d)

For 1993, the *Journal of Magnetism and Magnetic Materials* is scheduled to appear in 36 issues (12 volumes). Subscription prices are available upon request from the publisher.

Subscriptions should be sent to the Publisher, Elsevier Science Publishers B.V., Journals Department, P.O. Box 211, 1000 AE Amsterdam, The Netherlands, or to any subscription agent or bookseller.

Journals are sent by surface delivery to all countries, except the following countries where SAL air delivery (Surface Airlifted Mail) is ensured: USA, Canada, Japan, Australia, New Zealand, The People's Republic of China, Israel, India, Brazil, Malaysia, Singapore, South Korea, Taiwan, Pakistan, Hong Kong, South Africa. Air mail rates for other countries are available upon request. Claims for issues not received should be made within six months of publication, if they are to be honoured free of charge.

Elsevier Science Publishers B.V. All rights reserved. No part of this publication may be reproduced, stored in a retrieval system or transmitted in any form or by any means, electronic, mechanical, photocopying, recording or otherwise, without the written permission of the Publisher, Elsevier Science Publishers B.V., Copyright & Permissions Department, P.O. Box 521, 1000 AM Amsterdam, The Netherlands.

*Special regulations for authors* – Upon acceptance of an article by the journal, the author(s) will be asked to transfer copyright of the article to the Publisher. This transfer will ensure the widest possible dissemination of information.

*Special regulations for readers in the USA* – This journal has been registered with the Copyright Clearance Center, Inc. Consent is given for copying of articles for personal or internal use, or for the personal use of specific clients. This consent is given on the condition that the copier pays through the Center the per copy fee stated in the code on the first page of each article for copying beyond that permitted by Sections 107 or 108 of the US Copyright Law. The appropriate fee should be forwarded with a copy of the first page of the article to the Copyright Clearance Center, Inc., 27 Congress Street, Salem, MA 01970, USA. If no code appears in an article, the author has not given broad consent to copy and permission to copy must be obtained directly from the author. This consent does not extend to other kinds of copying, such as for general distribution, resale, advertising and promotion purposes, or for creating new collective works. Special written permission must be obtained from the Publisher for such copying. No responsibility is assumed by the Publisher for any injury and/or damage to persons or property as a matter of products liability, negligence or otherwise, or from any use or operation of any methods, products, instructions or ideas contained in the material herein.

Published monthly

Printed in The Netherlands

**Journal of  
magnetism  
and  
magnetic  
materials**



Published by the  
European Physical Society





Digitized by the Internet Archive  
in 2023



# journal of magnetism and magnetic materials

EDITOR:

**A.J. FREEMAN**

*Department of Physics and Astronomy  
Northwestern University  
EVANSTON, IL 60208-3112, USA*

MASTER INDEX

Volumes 92-110

November 1990-May 1992



Recognized by the  
European Physical Society



NORTH-HOLLAND

© 1993 Elsevier Science Publishers B.V. All rights reserved.

*No part of this publication may be reproduced, stored in a retrieval system or transmitted in any form or by any means, electronic, mechanical, photocopying, recording or otherwise, without the written permission of the Publisher, Elsevier Science Publishers B.V., Copyright & Permissions Department, P.O. Box 521, 1000 AM Amsterdam, The Netherlands.*

*Special regulations for authors* – Upon acceptance of an article by the journal, the author(s) will be asked to transfer copyright of the article to the publisher. This transfer will ensure the widest possible dissemination of information.

*Special regulations for readers in the USA* – This journal has been registered with the Copyright Clearance Center, Inc. Consent is given for copying of articles for personal or internal use, or for the personal use of specific clients. This consent is given on the condition that the copier pays through the Center the per copy fee stated in the code on the first page of each article for copying beyond that permitted by Sections 107 or 108 of the US Copyright Law. The appropriate fee should be forwarded with a copy of the first page of the article to the Copyright Clearance Center, Inc., 27 Congress Street, Salem, MA 01970, USA. If no code appears in an article, the author has not given broad consent to copy and permission to copy must be obtained directly from the author. This consent does not extend to other kinds of copying, such as for general distribution, resale, advertising and promotion purposes, or for creating new collective works. Special written permission must be obtained from the Publisher for such copying.

No responsibility is assumed by the Publisher for any injury and/or damage to persons or property as a matter of products liability, negligence or otherwise, or from any use or operation of any methods, products, instructions or ideas contained in the material herein.

This volume is printed on acid-free paper.

**Printed in The Netherlands**

## JOURNAL OF MAGNETISM AND MAGNETIC MATERIALS

### Editorial Board (\*: Editor section Information Storage: Basic and Applied)

#### Editor

A.J. FREEMAN

Department of Physics and Astronomy, Northwestern University, Evanston, IL 60208-3112, USA

Tel.: +1-708-491-3343

Fax.: +1-708-491-5082

Email: art@freeman.phys.nwu.edu

#### Associate Editors

G. BATE \*

Department of Electronic Engineering and Computer Science, Santa Clara University, Santa Clara, CA 95053, USA

Tel.: +1-408-554-4482

Fax.: +1-408-554-5474

J.G. BOOTH

Department of Pure and Applied Physics, University of Salford, Salford M5 4WT, UK

Tel.: +44-61-745-5259

Fax.: +44-61-745-5903

Email: j.g.booth@physics.salford.ac.uk

I.A. CAMPBELL

Laboratoire de Physique des Solides, Université de Paris-Sud, Bâtiment 510, 91405 Orsay Cedex, France

Tel.: +33-1-6941-5326

Fax.: +33-1-6941-6086

Bitnet: Campbell@FRSOL11

R.W. CHANTRELL \*

Physics Department, Keele University, Keele, Staffs. ST5 5BG, UK

Tel.: +44-782-621111

Fax.: +44-782-711093

H. FUJIMORI

Institute for Materials Research, Tohoku University, Katahira 2-1-1, Sendai 980, Japan

Tel.: +81-22-227-6200

Fax.: +81-22-215-2095

V.I. OZHOGIN

Kurchatov Institute of Atomic Energy, Kurchatov Square 2, 123182 Moscow, Russian Federation

Tel.: +7-095-196-1711

Fax.: +7-095-196-1632

Telex: 411594 SHUGA SU

L.J. VARNERIN

Department of Computer Science and Electrical Engineering, Packard Lab. 19, Lehigh University, Bethlehem, PA 10815-3084, USA

Tel.: +1-215-758-4061

Fax.: +1-215-691-5420

#### Desk Editor

J.M. HOGENDORP

North-Holland (Elsevier Science Publishers B.V.), P.O. Box 103, 1000 AC Amsterdam, The Netherlands

Tel.: +31-20-5862507

Fax.: +31-20-5862431



**Advisory Editors****B. ANTONINI**

Dipartimento di Fisica, Università di L'Aquila, I-67010 Coppito, Italy

**A. ARROTT**

Simon Fraser University, Physics Department, Burnaby, BC, Canada V5A 1S6

**J. ARTMAN**

Department of Electrical Engineering, Carnegie-Mellon University, Pittsburgh, PA 15213, USA

**S.D. BADER**

Materials Science Division, Argonne National Laboratory, Argonne, IL 60439, USA

**J.I. BUDNICK**

Department of Physics, University of Connecticut, Storrs, CT 06268, USA

**K.H.J. BUSCHOW**

Philips Research Laboratories, P.O. Box 80000, 5600 JA Eindhoven, The Netherlands

**J.N. CHAPMAN \***

Department of Physics and Astronomy, Glasgow University, Glasgow G12 8QQ, Scotland

**J.D.M. COEY**

Department of Pure and Applied Physics, Trinity College, University of Dublin, Dublin 2, Ireland

**N. CONNELL \***

Electronic Materials Lab., Xerox Corporation, Palo Alto Research Center, 3333 Coyote Hill Road, Palo Alto, CA 94304, USA

**C.E.T.G. da SILVA**

Instituto de Física "Gleb Wataghin", Universidade Estadual de Campinas, Caixa Postal 1170, 13100 Campinas SP, Brazil

**D.M. EDWARDS**

Department of Mathematics, Imperial College of Science and Technology, Huxley Building, 180 Queen's Gate, London SW7 2BZ, UK

**E. FAWCETT**

Physics Department, University of Toronto, Toronto, Canada M5S 1A7

**J.J.M. FRANSE**

Natuurkundig Laboratorium der Universiteit van Amsterdam, Valckenierstraat 65, 1018 XE Amsterdam, The Netherlands

**F.J. FRIEDLAENDER**

Purdue University, School of Electrical Engineering, Electrical Engineering Building, West Lafayette, IN 47907, USA

**K.A. GSCHNEIDNER, Jr.**

Ames Laboratory, US Department of Energy, Iowa State University, Ames, IA 50011, USA

**N. IMAMURA \***

Tosoh Corporation, Advanced Materials Research Laboratories, 2743-1, Hayakawa, Ayase-Shi 252, Japan

**G.M. KALVIUS**

Physik Department E15, Fakultät für Physik der Technischen Universität München, James-Frank-Strasse, W-8046 Garching bei München, Germany

**T. KASUYA**

Department of Physics, Faculty of Science, Tohoku University, Sendai 980, Japan

**J.S. KOUVEL**

Department of Physics, University of Illinois at Chicago, Box 4348/M/C273, Chicago, IL 60680, USA

**J.C. LODDER \***

Electrical Engineering, Transducers and Materials Science, University of Twente, P.O. Box 217, 7500 AE Enschede, The Netherlands

**F.E. LUBORSKY**

Research &amp; Development, General Electric Co., 123M, K-1, Schenectady, NY 12301, USA

**S.B. LUITJENS \***

Philips Research Laboratories, Magnetic Recording Department, P.O. Box 80000, 5600 JA Eindhoven, The Netherlands

**A.R. MACKINTOSH**

Nordisk Institut for Teoretisk Atomfysik, Blegdamsvej 17, DK-2100 Copenhagen, Denmark

**D. MELVILLE**

Middlesex Polytechnic, Bramley Road, Oakwood, London N14 4XS, UK

**S. METHFESSEL**

Ruhr-Universität Bochum, Fakultät für Physik und Astronomie, Institut für Experimentalphysik IV, Postfach 102148, W-4630 Bochum 1, Germany

**S. MIYAOKA \***

Corporate Research Laboratories, Sony Corporation, 6-7-35, Kitashinagawa, Shinagawa-ku, Tokyo 141, Japan

**E. MÜLLER-HARTMANN**

Institut für Theoretische Physik, Universität zu Köln, Zülpicher Strasse 77, W-5000 Cologne 41, Germany

**Y. NAKAMURA \***

Research Institute of Electrical Communication, 2-1-1 Katahira, Aoba-ku, Sendai 980, Japan

**V.I. PETINOV**

Institute of Chemical Physics, Russian Academy of Sciences, 142432 Moscow Region, Chernogolovka, Russian Federation

**F.E. PINKERTON**

Physics Department, General Motors Research, 3050 Mound Road, Box 9055, Warren, MI 48090-9055, USA

**J.L. PORTESEIL**

Centre National de la Recherche Scientifique, Laboratoire de Magnétisme Louis Néel, 25, avenue des Martyrs-Grenoble, BP 166, 38042 Grenoble cedex 9, France

G. PRINZ

Naval Research Laboratories, Condensed Matter & Science  
Division, Code 4600, Washington, DC 20375-5000, USA

F.C. PU

Institute of Physics, Academia Sinica, Beijing, P.R. China

J.J. RHYNE

Missouri University Research Reactor, University of Missouri,  
Columbia, MO 65211, USA

J.C. SLONCZEWSKI

Thomas Watson Research Center, P.O. Box 218, Yorktown  
Heights, NY 10598, USA

H. SZYMCZAK

Institute of Physics, Polish Academy of Sciences, al. Lotników  
32/46, 02-668 Warsaw, Poland

R. VEITCH \*

VIT/EWP, J542, BASF AG, W-6700 Ludwigshafen, Ger-  
many

H. VÖLZ \*

Zentralinstitut für Kybernetik und Informationsprozesse,  
Rudower Chaussee 5/6, O-1199 Berlin, Germany

S.V. VONSOVSKI

Institute of Metal Physics, Ural Science Research Center of  
the Russian Academy of Sciences, 18 South Kovalevskaya str.,  
K-66 Ekaterinburg, Russian Federation

W.E. WALLACE

Materials Science and Engineering Department, Carnegie-  
Mellon University, Pittsburgh, PA 15213, USA

W. ZINN

Institut für Festkörperforschung, Institut 4: Magnetismus,  
KFA-Jülich, Postfach 1913, W-5170 Jülich 1, Germany





## List of Proceedings and Special Issues published in this period

Volume 93 (February (1991): Proceedings of Symposium C on Magnetic Thin Films, Multilayers and Superlattices of the 1990 E-MRS Spring Conference (29 May–1 June 1990, Strasbourg, France)

Volume 95, No. 1 (April I 1991): Selected Papers from the Second General Meeting of CAMST (31 May–1 June 1990, Enschede, The Netherlands).

Volume 95, No. 3 (May 1991): Special Issue on Information Storage: Basic and Applied.

Volume 100 (November 1991): Special Volume on Magnetism in the Nineties.

Volume 101 (October 1991): Proceedings of the 4th European Magnetic Materials and Applications Conference (16–19 April 1991, Dresden, Germany).

Volumes 104–107 (February II 1992): Proceedings of the International Conference on Magnetism (2–6 September 1991, Edinburgh, Scotland).

Volume 108 (February III 1992): Proceedings of the International Conference on Magnetism Symposium on Heavy Fermions (2–6 September 1991, Edinburgh, Scotland).



## Author index to volumes 92–110

- Abbas, A. and T.J. Hicks, Spin glass-like phenomena in antiferromagnetic  $(\text{Fe}_{0.77}\text{Mg}_{0.23})_{0.92}\text{O}$  (*Letter to the Editor*) 92 (1990) L6
- Abdalian, A.T., A. Desert, C. Dugautier, A. Bulou, P. Moch and J. Nouet, Magnon Raman scattering in the two-dimensional antiferromagnet  $\text{KFeF}_4$  104–107 (1992) 1047
- Abe, K., see T. Mitsui 104–107 (1992) 819
- Abe, S., see Y. Adachi 104–107 (1992) 887
- Abe, S., see H. Yasui 104–107 (1992) 927
- Abe, S., see M. Ohashi 104–107 (1992) 1383
- Abe, S., see K. Yagasaki 104–107 (1992) 1389
- Abe, S., Y. Atsumi, T. Kaneko and H. Yoshida, Magnetic properties of  $\text{RCu}_4\text{In}$  ( $\text{R} = \text{Gd-Er}$ ) intermetallic compounds 104–107 (1992) 1397
- Abe, S., see T. Kaneko 104–107 (1992) 1401
- Abe, S., T. Kaneko, M. Ohashi, Y. Nakagawa and T. Kitai, Field-induced magnetic transition in a single crystal of  $\text{DyZn}_2$  104–107 (1992) 1403
- Abe, S., M. Matsumoto, H. Yoshida, S. Mori, T. Kanomata and T. Kaneko, Thermal expansion anomalies at the magnetic transition temperatures of  $\text{Au}_4\text{Mn}$  and  $\text{Au}_2\text{Mn}$  104–107 (1992) 2059
- Abe, S., see M. Matsumoto 104–107 (1992) 2061
- Abe, T., see K. Yamagata 104–107 (1992) 803
- Abell, J.S., see Y.J. Bi 99 (1991) 159
- Abell, J.S., see B.K. Tanner 104–107 (1992) 317
- Abell, J.S., see A.J. Twin 104–107 (1992) 611
- Abell, J.S., see D.G.R. Jones 104–107 (1992) 1468
- Abell, J.S., see Y.J. Bi 104–107 (1992) 1471
- Abell, J.S., see C. Carboni 104–107 (1992) 1513
- Abu-Aljarayesh, I. and A. Abu-Libdeh, Initial susceptibility of iron in mercury magnetic fluids 96 (1991) 89
- Abu-Aljarayesh, I., see A.S. Saleh 99 (1991) 152
- Abu-Aljarayesh, I., see H. Abu-Safia 103 (1992) 19
- Abu-Libdeh, A., see I. Abu-Aljarayesh 96 (1991) 89
- Abu-Safia, H., I. Abu-Aljarayesh, H.M. El-Ghanem and N.A. Yusuf, Carrier and chain formation dependence of birefringence in magnetic fluids 103 (1992) 19
- Acet, M., see W.M. Xu 104–107 (1992) 2023
- Acharya, B.R., see R. Krishnan 104–107 (1992) 1822
- Achiwa, N., see K. Yamagata 104–107 (1992) 849
- Achiwa, N., see M. Fujino 104–107 (1992) 851
- Ackland, G.J., see K.A. Hawick 104–107 (1992) 423
- Adachi, K., see K. Ichinose 104–107 (1992) 1159
- Adachi, K., see F. Maruyama 104–107 (1992) 1165
- Adachi, K., see H. Yoshie 104–107 (1992) 1449
- Adachi, K., see Y. Amako 104–107 (1992) 1451
- Adachi, Y., M. Yuzuri, T. Kaneko and S. Abe, Magnetic properties of the  $\text{Cr}_2\text{S}_{3-x}\text{Se}_x$  and  $\text{Cr}_2\text{Te}_{3-y}\text{Se}_y$  systems 104–107 (1992) 887
- Adachi, Y., see H. Yoshida 104–107 (1992) 1983
- Adam, A., see J. Sakurai 108 (1992) 143
- Adroja, D.T., see S.K. Malik 92 (1990) 80
- Adroja, D.T. and S.K. Malik, Valence fluctuation and heavy fermion behaviour in rare earth and actinide based compounds 100 (1991) 126
- Adroja, D.T., see S.K. Malik 102 (1991) 42
- Aeppli, G., see G.H. Lander 100 (1991) 151
- Aeppli, G., Z. Fisk, S.M. Hayden, M.F. Hundley, H. Mook and D. Rytz, The marginal Fermi liquid hypothesis and magnetic fluctuations in  $\text{La}_{1.95}\text{Ba}_{0.05}\text{CuO}_4$  104–107 (1992) 507
- Aeschlimann, M., see M.R. Scheinfein 93 (1991) 109
- Aeschlimann, M., see F. Meier 93 (1991) 523
- Affleck, I., see M. Hagiwara 104–107 (1992) 839
- Aggarwal, K., see E. Schmidbauer 109 (1992) 67
- Agostinelli, E., D. Fiorani, A.M. Testa and G. Calestani, Irreversibility ( $H$ ,  $T$ ) line in  $\text{Bi-Pb-Sr-Ca-CuO}$  superconductor 104–107 (1992) 603
- Agostinelli, E., see M. Nogues 104–107 (1992) 1641
- Aguilar, M., see F. Cebollada 101 (1991) 199
- Aharoni, A. and J.P. Jakubovics, One-dimensional domain walls in bulk magnetic materials 104–107 (1992) 353
- Ahlers, H., see A. Wulfes 104–107 (1992) 2069
- Ahlheim, U., see F. Steglich 108 (1992) 5
- Ahlheim, U., see K. Fraas 108 (1992) 220
- Ahlheim, U., K. Fraas, P.H.P. Rein- ders, F. Steglich, O. Nakamura, T. Suzuki and T. Kasuya, Antiferromagnetism and heavy-fermion effects in a semiconductor:  $\text{Sm}_3\text{Te}_4$  108 (1992) 213



- Ahmed, M.A., M.K. El Nimr, A. Tawfik and A.M. El Hasab, Dielectric behaviour in Ni–Al ferrites at low frequencies 98 (1991) 33
- Ahn, T.H., see C. Marquina 104–107 (1992) 1323
- Ajiro, Y., see S. Kawano 104–107 (1992) 791
- Ajiro, Y., see B.J. Sternlieb 104–107 (1992) 801
- Ajiro, Y., see M. Chiba 104–107 (1992) 807
- Ajiro, Y., see H. Hori 104–107 (1992) 815
- Ajiro, Y., see M. Mekata 104–107 (1992) 859
- Ajò, D., D. Attanasio, S. Lucente, P. Mura, A.L. Segre and F. De Zuane, The unusual paramagnetic behaviour of  $\text{Ir}^{\text{IV}}$  and  $\text{Rh}^{\text{IV}}$  dihydrido complexes in the solid state and in solution 104–107 (1992) 1997
- Akai, H., see P.H. Dederichs 100 (1991) 241
- Akai, H., see H. Ebert 104–107 (1992) 733
- Akai, K., see H. Ishii 104–107 (1992) 1457
- Akimitsu, J., see K. Tajima 104–107 (1992) 177
- Akimitsu, J., see Y. Kimishima 104–107 (1992) 779
- Akimitsu, M., see K. Tajima 104–107 (1992) 177
- Akishin, P.G. and I.A. Gaganov, The macroscopic demagnetizing effects in cylindrical and rectangular box samples 110 (1992) 175
- Aktas, B., see Y. Öner 109 (1992) 323
- Akutsu, N., see Y. Kimishima 104–107 (1992) 781
- Akutsu, Y., see K. Matsumoto 104–107 (1992) 1655
- Alameda, J.M., see G.T. Pérez 93 (1991) 155
- Alameda, J.M., see M.C. Contreras 93 (1991) 233
- Alameda, J.M., F.H. Salas, D. Givord and J.M.B. Ndjaka, Direct observation of interlayer exchange coupling by MOKE in amorphous RE–TM sandwiches 93 (1991) 509
- Alameda, J.M., L.T. Baczewski, B. Dieny, D. Givord, J.M. Ndjaka, J.P. Nozières, J.J. Préjean, J.P. Rebouillat and F.H. Salas, Magnetic properties of sandwich films based on R–Co amorphous alloys (R = rare-earth, Y or Zr) 104–107 (1992) 1813
- Albanese, L., C. Bucci, P. Carretta, R. De Renzi, G. Guidi, R. Tedeschi, F. Licci, C. Paris, G. Calestani, M.G. Francesconi, S.F.J. Cox and C.A. Scott, Relation between  $T_c$  and London penetration depth in  $\text{YBa}_2(\text{Cu}_{1-x}\text{Zn}_x)_3\text{O}_7$  by  $\mu\text{SR}$  104–107 (1992) 509
- Alberti, M., see P.L. Cavallotti 104–107 (1992) 905
- Albertini, J.B., see J. Mouchot 101 (1991) 239
- Alberts, H.L., see J.A.J. Lourens 104–107 (1992) 1535
- Alberts, H.L., see G.L. High 104–107 (1992) 2029
- Alberts, H.L. and A.H. Boshoff, Magneto-elasticity of a Cr + 0.3 at% Ru single crystal through the magnetic transition temperatures 104–107 (1992) 2031
- Albino Aguiar, J., J.M. Ferreira, M.T. De Melo, C. Schettini, F. Schneider, M.V.S. Barbosa, L.R. Madeiro de Melo, A.C. Pavão and J.M. Van Ruitenbeek, Effects of substitution of CuO by NiS on the superconductivity in  $\text{YBa}_2\text{Cu}_3\text{O}_{7-\delta}$  104–107 (1992) 547
- Albrecht, M., T. Furubayashi, U. Gradmann and W.A. Harrison, Magnetic step moments 104–107 (1992) 1699
- Aldica, Gh., see V. Dolocan 104–107 (1992) 609
- Alegria Feio, M., see J.B. Oliveira 104–107 (1992) 1152
- Alekseev, P.A., V.N. Lazukov, I.P. Sadikov, M.N. Khlopkin, G.A. Takzei, Yu.P. Grebenyuk and I.I. Sych, Magnetism in the  $\text{CeCu}_5$  Kondo system 110 (1992) 119
- Aleman, C., see F. Carmona 92 (1991) 417
- Alexander, Jr., C., see J.O. Artman 104–107 (1992) 977
- Algarabel, P.A., C. Marquina, M.R. Ibarra, A. del Moral, M. Solzi, G. Marusi and L. Pareti, A study of the spin reorientation transitions in  $(\text{Er}_x\text{Ho}_{1-x})\text{Fe}_{10}\text{V}_2$  intermetallics 101 (1991) 111
- Algarabel, P.A. and M.R. Ibarra, Invar behaviour and in situ observation of the nitriding process in  $\text{R}_2\text{Fe}_{17}\text{N}_x$  intermetallics 110 (1992) 323
- Algarabel, P.A., see A. del Moral 104–107 (1992) 243
- Algarabel, P.A., see A. del Moral 104–107 (1992) 1051
- Algarabel, P.A., see M.R. Ibarra 104–107 (1992) 1149
- Algarabel, P.A., see M.R. Ibarra 104–107 (1992) 1371
- Al-Hawery, A.S., see J.S. Thorp 94 (1991) 119
- Al-Hawery, A.S., see J.S. Thorp 97 (1991) 112
- Al-Jaber, R., see A.S. Saleh 99 (1991) 152
- Allenspach, R., see M. Stamparoni 104–107 (1992) 1805
- Allia, P., C. Beatrice, G. Brida and F. Vinai, Permeability relaxation at constant magnetic induction in amorphous ferromagnets 101 (1991) 49
- Allia, P., C. Beatrice, E. Bonetti, G. Sberveglieri, G. Valdré and F. Vinai, Effect of growth rate on the magnetic properties of Fe–Al multilayers 104–107 (1992) 1767
- Almeida, T., see L. Havela 104–107 (1992) 23
- Alonso, J., see X. Batlle 104–107 (1992) 918
- Alonso, J.A., J.X. Boucherle, J. Rossat-Mignod, J. Schweizer, T. Suzuki and T. Kasuya, Magnetic phase diagram and magnetic structures of  $\text{Ce}_4\text{Bi}_3$  103 (1992) 179
- Al-Qenaie, A., see J. Popplewell 104–107 (1992) 1555
- Alten, B.G., see A. Gavrin 104–107 (1992) 1351
- Altounian, Z., see X. Chen 109 (1992) 271
- Alvarado, S.F., see C. Schoenenberger 93 (1991) 123
- Alves, K.M.B., see A.P. Guimarães 104–107 (1992) 1460
- Amado, M.M., see R.P. Pinto 104–107 (1992) 1235

- Amako, Y., H. Nagai, T. Nomura, H. Yoshie, I. Oguro, T. Shinohara and K. Adachi, Magnetic properties of  $\text{RMn}_{12}$  ( $R = \text{rare earth}$ ) 104–107 (1992) 1451
- Aman, Y., see K. Sato 104–107 (1992) 1947
- Amano, H., see K. Suzuki 108 (1992) 161
- Amaral, V.S., B. Barbara, J.B. Sousa, J. Filippi, A.G.M. Jansen and J.M. Moreira, Coexistence of weak localization and magnetism in amorphous alloys:  $(\text{Dy}_x\text{Y}_{1-x})\text{Ni}$  104–107 (1992) 2079
- Amato, A., see H. Maletta 104–107 (1992) 495
- Amato, A., see A. Schenck 108 (1992) 97
- Amitsuka, H., see T. Miyadai 104–107 (1992) 47
- Amitsuka, H., K. Tateyama, C.C. Paulsen, T. Sakakibara and Y. Miyako, Magnetic properties of  $\text{U}_{1-x}\text{La}_x\text{Ru}_2\text{Si}_2$  ( $0 \leq x \leq 0.3$ ) 104–107 (1992) 60
- Amitsuka, H., see Y. Miyako 108 (1992) 190
- Amitsuka, H., see T. Sakakibara 108 (1992) 193
- Amoretti, G., see B. Malaman 104–107 (1992) 1359
- Amoretti, G., see O. Moze 104–107 (1992) 1391
- Amri, N., J. Delamare, D. Lemarchand and P. Vigier, Microstructural and thermomagnetic investigation of rapidly solidified  $\text{Nd-Fe(-Al)}$  eutectic alloys 101 (1991) 352
- Andersen, N.H., see M. Winkelman 104–107 (1992) 871
- Andersson, J.-O., see K. Gunnarsson 104–107 (1992) 1607
- Andersson, J.-O. and P. Svedlindh, Aging behaviour in two- and three-dimensional Ising spin glasses studied by Monte Carlo simulations 104–107 (1992) 1609
- Andersson, Y., see P. Önnerud 104–107 (1992) 1989
- Ando, K., K. Takahashi and T. Okuda, Zinc-blende  $\text{MnTe}$ : magnetic properties 104–107 (1992) 993
- Ando, T., see T. Sato 104–107 (1992) 1625
- Andrä, W., K. Fischer, W. Gawalek, P. Görnert, R. Hergt and Th. Klupsch, Real structure and magnetic properties of  $\text{YBa}_2\text{Cu}_3\text{O}_{7-x}$  superconducting single crystals 104–107 (1992) 481
- André, G., W. Bažela, A. Oleś and A. Szytuła, Neutron diffraction studies of  $\text{TbAg}_2\text{In}$  and  $\text{DyAg}_2\text{In}$  109 (1992) 34
- André, G., see P. Thuéry 109 (1992) 197
- Andreani, L.C., see P. Monachesi 104–107 (1992) 1327
- Andreani, L.C. and H. Beck, A variational study of the two-impurity Anderson model 108 (1992) 53
- Andreev, A.V., see H. Maletta 104–107 (1992) 21
- Andreev, A.V., F.R. de Boer, T.H. Jacobs and K.H.J. Buschow, Spontaneous magnetostriction in  $\text{Y}_2\text{Fe}_{17}\text{C}_x$  104–107 (1992) 1305
- Andreev, A.V., see P. Svoboda 104–107 (1992) 1329
- Andres, K., see A.K. Gangopadhyay 103 (1992) 267
- Andresen, A.F., K. Bärner, H. Fjellvåg, A. Kjekshus, H. Rager, U. Södermann and S. Stølen, Influence of phosphorus substitution on  $\text{Mn}_{0.63}\text{Cr}_{0.37}\text{As}$  94 (1991) 347
- Andresen, A.F., M. Gołab and A. Szytuła, Magnetic ordering in  $\text{Ho}_2\text{Cu}_2\text{O}_5$  95 (1991) 195
- Andrews, A.B., see D.q. Li 99 (1991) 85
- Andrianov, A.V., Yu.P. Gaidukov, A.N. Vasil'ev and E. Fawcett, The magnetic phase diagrams of dysprosium 97 (1991) 246
- Anezaki, T., see K. Tamanoi 104–107 (1992) 445
- Angelov, D., see J. Nikolov 101 (1991) 137
- Anguiano, E., see F. Cebollada 101 (1991) 199
- Angurel, L.A., see F. Lera 104–107 (1992) 615
- Angurel, L.A., see M. Artigas 104–107 (1992) 1993
- Ansaldo, E.J., see B. Martínez 104–107 (1992) 941
- Anshakov, A.V., A.N. Sigayev and A.A. Stashkevich, Thermal deflection of optical waveguide modes by MSW in a YIG film 101 (1991) 157
- Antipov, S.D., see A.V. Tsyvashchenko 98 (1991) 285
- Antonini, B., see R. Hock 104–107 (1992) 453
- Aoki, H., G.W. Crabtree, W. Joss and F. Hulliger, New high frequency dHVA branch of  $\text{CeSb}$  97 (1991) 169
- Aoki, H., see K. Satoh 104–107 (1992) 39
- Aoki, H., M. Yata, Y. Isoda and S. Uji, MBE growth of  $\text{CeSi}_2$  thin films and their electrical transport properties 104–107 (1992) 1905
- Aoki, M. and H. Yamada, Isomer shift and atomic environment effect in the intermetallic compound  $\text{Y(Fe}_{1-x}\text{Al}_x)_2$  104–107 (1992) 1965
- Aoki, M., see H. Yamada 104–107 (1992) 1967
- Aoyagi, K., see Y. Gondō 93 (1991) 43
- Aoyama, T., see T. Kaneyoshi 96 (1991) 67
- Apaydin, F., see Y. Öner 109 (1992) 323
- Apostolov, A., see L. Bozukov 101 (1991) 355
- Apostolov, A., see V. Petkov 109 (1992) 309
- Arai, M., see S.E. Nagler 104–107 (1992) 847
- Arai, M., see J. Suzuki 104–107 (1992) 1657
- Arajs, S., see J.A.J. Lourens 104–107 (1992) 1535
- Araki, T., see K.-I. Kobayashi 104–107 (1992) 413
- Araujo, S.M.V., see R.S. De Biasi 104–107 (1992) 471
- Arbaoui, A., see A. Dinia 104–107 (1992) 1871
- Arbaoui, A., see D. Muller 104–107 (1992) 1873
- Arbaoui, A., see K. Ounadjela 104–107 (1992) 1896
- Arbuzova, T.I., A.A. Samokhvalov, I.B. Smolyak, B.V. Karpenko, N.M. Chebotaev and S.V. Naumov, Temperature transition from 3D to quasi-1D antiferromagnetism in  $\text{CuO}$  single crystals 95 (1991) 168

- Arenzon, J.J., R.M.C. de Almeida, J.R. Iglesias, T.J.P. Penna and P.M.C. de Oliveira, Simulations of the RS model 104–107 (1992) 1652
- Arko, A.J., see J.M. Lawrence 108 (1992) 215
- Armand, M.F., see J. Mouchot 101 (1991) 239
- Armitage, J.G.M., see Y. Yamada 104–107 (1992) 1317
- Armitage, J.G.M., R.G. Graham, J.S. Lord, P.C. Riedi, S.F. Matar and G. Demazeau, Pressure dependence of magnetic properties of  $\text{Fe}_4\text{N}$  and  $\text{Mn}_4\text{N}$  104–107 (1992) 1935
- Armstrong, N.R., see P.A. Lee 93 (1991) 159
- Arnaud d'Avitaya, F., see S. Auffret 104–107 (1992) 1209
- Arnaudas, J.I., A. del Moral, P.A.J. de Groot and B.D. Rainford, Magnetic scaling and magnetoelastic properties of amorphous  $(\text{Gd}_{1-x}\text{Tb}_x)_2\text{Cu}$  101 (1991) 65
- Arnaudas, J.I., A. Del Moral and P.A.J. De Groot, Hysteretic behaviour of amorphous  $(\text{Gd}_{1-x}\text{Tb}_x)_2\text{Cu}$  random anisotropy magnets 104–107 (1992) 115
- Arnaudas, J.I., A. del Moral, P.A.J. de Groot and C. de la Fuente, Non-linear susceptibility and ferromagnetic-like scaling in random magnetic anisotropy alloys 104–107 (1992) 216
- Arnaudas, J.I., see A. Del Moral 104–107 (1992) 243
- Arnaudas, J.I., see A. del Moral 104–107 (1992) 1051
- Arnold, G.B., see G.J. Mata 104–107 (1992) 855
- Arnold, Z., see M.R. Ibarra 104–107 (1992) 1371
- Aroca, C., see C. Morón 101 (1991) 59
- Aroca, C., see P. Sánchez 104–107 (1992) 145
- Aroca, C., see M. Maicas 104–107 (1992) 319
- Aron, Ch., see M. Maurer 93 (1991) 15
- Arrott, A.S., see B. Heinrich 93 (1991) 75
- Arrott, A.S. and B. Heinrich, Phenomenology of anisotropy in the ferromagnetism of ultrathin films (*Invited paper*) 93 (1991) 571
- Arrott, A.S., see Q.M. Zhong 104–107 (1992) 1837
- Arrott, A.S., see T.L. Templeton 104–107 (1992) 2116
- Arsenueva, A.D., A.B. Granovsky, G.M. Myalikgulyev, A.V. Pechennikov, A.Ph. Prokoshin, S.I. Stadnik, R.P. Vasilieva and A.V. Vedyayev, The extraordinary Nernst–Etingshausen effect in amorphous ferromagnetic alloys 99 (1991) 167
- Arsenueva, A.D., see A.V. Vedyayev 99 (1991) 190
- Artigas, M., D. Fruchart, C. Rillo, E. Tomey, C. Jimenez, L.A. Angurel, F. Lera, J. Bartolomé and R. Fruchart, Magnetic phase transitions in  $(\text{Fe}_{1-x}\text{Ru}_x)_2\text{P}$  ( $0.25 \leq x \leq 0.6$ ) 104–107 (1992) 1993
- Artman, J.O., see A. Layadi 92 (1990) 143
- Artman, J.O., C. Alexander, Jr., J.C. Cates and M.R. Parker, Estimation of ultimate switching speeds in hard magnetic recording media by ferromagnetic resonance linewidth measurements 104–107 (1992) 977
- Arts, A.F.M., see A.G. Schins 104–107 (1992) 931
- Arts, A.F.M., see M.L.J. Hollman 104–107 (1992) 1063
- Aruga Katori, H., T. Goto, S. Ebii and A. Ito, Effect of magnetic fields on phase transitions in the reentrant spin glass  $\text{Fe}_x\text{Mn}_{1-x}\text{TiO}_3$  104–107 (1992) 1639
- Aruga Katori, H., see A. Seidel 104–107 (1992) 1599
- Aruga Katori, H., see K. Gunnarsson 104–107 (1992) 1607
- Aruga Katori, H., see A. Ito 104–107 (1992) 1635
- Asahara, Y., see K. Matsumoto 104–107 (1992) 451
- Asano, S., see Y. Kubo 104–107 (1992) 1182
- Aso, K., see K. Hayashi 92 (1990) 284
- Aso, K., see K. Hayashi 96 (1991) 230
- Assmus, W., see F. Steglich 108 (1992) 5
- Åström, H.U., G.K. Nicolaides, G. Benediktsson and K.V. Rao, First order antiferromagnetic transition in europium 104–107 (1992) 1507
- Atalay, S. and P.T. Squire, Field-dependent shear modulus and internal friction in annealed iron-based amorphous wires 101 (1991) 47
- Atkinson, R., I.W. Salter and J. Xu, Optical and magneto-optical properties of  $\text{TbFeCo}$  films 95 (1991) 35
- Atkinson, R., Single layer equivalence of magneto-optic multilayers for normal incidence (I) 95 (1991) 61
- Atkinson, R., Single layer equivalence of magneto-optic multilayers for oblique incidence (II) 95 (1991) 69
- Atkinson, R., I.W. Salter and J. Xu, Quadrilayer magneto-optic enhancement with zero Kerr ellipticity 102 (1991) 357
- Atkinson, R., R. Gerber, P. Papakonstantinou, I.W. Salter and Z. Šimša, Optical and magneto-optical properties of  $\text{Co/Ti}$  substituted barium ferrite 104–107 (1992) 1005
- Atkinson, R., I.W. Salter and J. Xu, Magneto-optic quadrilayers showing zero Kerr ellipticity 104–107 (1992) 1013
- Atkinson, W., see G.J. Tomka 104–107 (1992) 1147
- Atsumi, Y., see S. Abe 104–107 (1992) 1397
- Attanasio, D., see D. Ajò 104–107 (1992) 1997
- Aubry, S., see L.M. Flórida 104–107 (1992) 199
- Auffret, S., see J. Pierre 104–107 (1992) 1207
- Auffret, S., J. Pierre, J.A. Chroboczek, P.A. Badoz, F. Arnaud d'Avitaya, A. Guivarc'h and A. Le Corre,



- Magnetoresistance anomalies in metamagnetic single crystals and epitaxial films 104–107 (1992)1209
- Auluck, S., T. Gasche, M.S.S. Brooks and B. Johansson, Magnetic and magneto-optical properties of uranium sulphide 104–107 (1992) 35
- Auluck, S., see T. Gasche 104–107 (1992) 37
- Auluck, S., see M.S.S. Brooks 104–107 (1992)1381
- Auluck, S., see M.S.S. Brooks 104–107 (1992)1496
- Autissier, D., see C. Jacquiod 104–107 (1992) 419
- Averous, M., see B.A. Lombos 93 (1991) 391
- Aviram, I., L.H. Bennett, L.J. Swartzendruber and I.I. Satija, Complex dynamics in the Barkhausen effect 98 (1991) 92
- Axe, J.D., see T. Chattopadhyay 104–107 (1992)1213
- Aya, Y., see G. Oomi 104–107 (1992)2075
- Aylesworth, K.D., D.J. Sellmyer and G.C. Hadjipanayis, The structural and magnetic properties of films of  $\text{Pr}_2\text{Fe}_{14}\text{B}$  and  $\text{Nd}_2\text{Fe}_{14}\text{B}$  cosputtered with Ta 98 (1991) 65
- Ayoub, N.Y., Dependence of the susceptibility on low magnetic fields for the electron-doped superconductors  $\text{Ln}_{2-x}\text{M}_x\text{CuO}_{4-y}$  ( $\text{Ln} = \text{Nd, Pr, Sm; M} = \text{Ce, Th}$ ) 99 (1991) 239
- Azevedo, A. and S.M. Rezende, Spatial distribution of magnetostatic modes in a thin YIG slab 104–107 (1992)1039
- Azevedo, A. and S.M. Rezende, Bifurcations, chaos and control of chaos in spin-wave instabilities 104–107 (1992)1041
- Azevedo, L.A., see D.P. Yang 109 (1992) 1
- Baberschke, K., see M. Farle 93 (1991) 215
- Baberschke, K., see Y. Li 93 (1991) 345
- Babić, E., see J. Horvat 92 (1990) L25
- Babić, E., see J. Horvat 96 (1991) L13
- Babić, E., see J. Horvat 104–107 (1992) 359
- Babić, E., see S. Sabolek 110 (1992) L25
- Babić, E., see J. Horvat 110 (1992) 215
- Bacmann, M., see C. Rillo 104–107 (1992)1995
- Baczewski, L.T., see J.M. Alameda 104–107 (1992)1813
- Bader, S.D., see C. Liu 93 (1991) 307
- Bader, S.D., SMOKE 100 (1991) 440
- Bader, S.D., see M.J. Conover 102 (1991) L5
- Bader, S.D., see M.E. Brubaker 103 (1992) L7
- Bader, S.D., see J.E. Mattson 109 (1992) 179
- Badia, A., see J. Blasco 104–107 (1992) 573
- Badia, A., see F. Lera 104–107 (1992) 615
- Badia, F., G. Fratucello, B. Martínez, D. Fiorani, A. Labarta and J. Tejada, Magnetic properties of Fe/Cu multilayers 93 (1991) 425
- Badia, F., C. Ferrater, B. Martínez, A. Lousa and J. Tejada, Magnetic phase diagram of Fe-Y multilayers 93 (1991) 429
- Badia, F., see J. Tejada 101 (1991) 181
- Badia, F., see B. Martínez 104–107 (1992) 123
- Badia, F., see L.L. Balcells 109 (1992)L159
- Badoz, P.A., see S. Auffret 104–107 (1992)1209
- Badurek, G., see R. Grössinger 101 (1991) 304
- Baggio-Saitovitch, E.M., see C. Larica 110 (1992) 106
- Baghurst, A., see M. Soinski 101 (1991) 62
- Bahadur, D., see P. Brahma 102 (1991) 109
- Bahadur, D., see P. Brahma 103 (1992) 174
- Bains, G.S., R. Carey, D.M. Newman and B.W.J. Thomas, Optical and magneto-optical constants for Pt-MnSb thin films 104–107 (1992)1011
- Bakkaloglu, Ö.F. and M.F. Thomas, The effect of radiation damage on the Morin transition in  $\alpha\text{-Fe}_2\text{O}_3$  104–107 (1992)1921
- Bakker, K., see Z. Tarnawski 104–107 (1992) 613
- Bakker, K., A. de Visser, E. Brück, A.A. Menovsky and J.J.M. Franse, Anisotropic variation of  $T_c$  and  $T_N$  in  $\text{URu}_2\text{Si}_2$  by uniaxial pressure 108 (1992) 63
- Bakker, K., A. de Visser and J.J.M. Franse, Double superconducting transition in the specific heat of non-stoichiometric  $\text{UPt}_{3+x}$  108 (1992) 65
- Bakonyi, I., see A. Burgstaller 109 (1992) 117
- Bala, H., see S. Szymura 94 (1991) 113
- Bala, H., S. Szymura, V.V. Sergeev, D.V. Pokrovskii, G. Pawłowska and L.V. Potapova, Properties of terbium-doped (Nd,Dy)–(Fe,Co)–B sintered magnets 103 (1992) 58
- Balakrishnan, G., S.K. Malik, C.K. Subramaniam, D.McK. Paul, S. Pinol and R. Vijayaraghavan, Anisotropy in the magnetic properties of single crystal  $\text{Nd}_{1.85}\text{Ce}_{0.15}\text{CuO}_{4-y}$  104–107 (1992) 469
- Balakrishnan, G., see B.V.B. Sarkissian 104–107 (1992)1271
- Balbas, L.C., see A. Vega 104–107 (1992)1687
- Balbashov, A.M., see R. Szymczak 92 (1990) L19
- Balbashov, A.M., A.G. Berezin, Ju.V. Bobryshev, P.Ju. Marchukov, I.V. Nikolaev, E.G. Rudashevsky, J. Paches and L. Püst, Orthogonal magnetic impurity in antiferromagnet  $\text{YFeO}_3$  single crystal: magnetic resonance and magnetisation measurements 104–107 (1992)1037
- Balcells, L.L., X.X. Zhang, F. Badia, J.M. Ruiz, C. Ferraté and J. Tejada, Quantum tunneling of magnetization in multilayer systems (*Letter to the Editor*) 109 (1992)L159
- Balcerzak, T., see J. Mielnicki 94 (1991) 74
- Balcerzak, T., Cluster identities in localized spin systems 97 (1991) 152

- Ball, A.R., D. Gignoux, D. Schmitt and F.Y. Zhang, Complex magnetic phase diagrams in hexagonal rare-earth compounds 104–107 (1992) 170
- Ball, A.R., D. Gignoux, B. Gorges, D. Schmitt and A. Tari, Magnetic properties of  $\text{Pr}(\text{Ni}_{1-x}\text{Co}_x)_5$  compounds 109 (1992) 185
- Ball, A.R., D. Gignoux, F.E. Kayzel, D. Schmitt and A. de Visser, High field magnetization in  $\text{Pr}(\text{Ni}_{1-x}\text{Co}_x)_5$  single crystals 110 (1992) 337
- Ball, A.R., D. Gignoux, D. Schmitt, F.Y. Zhang and M. Reehuis, Field induced magnetic structures in hexagonal  $\text{HoAlGa}$  110 (1992) 343
- Ball, K.D., see P.J. Shields 104–107 (1992) 1043
- Ballou, R., see M.D. Nunez-Regueiro 104–107 (1992) 285
- Ballou, R., C. Lacroix and M.D. Nunez Regueiro, Competition between frustration and magnetic instability in  $\text{RMn}_2$  compounds 104–107 (1992) 753
- Ballou, R., P.J. Brown, J. Deportes, A.S. Markosyan and B. Ouladdiaf, Exchange frustration and metastability of the magnetic structure of  $\text{TbMn}_2$  104–107 (1992) 935
- Ballou, R., see P. Gerard 104–107 (1992) 1463
- Ballou, R., I.Yu. Gaydukova, A.S. Markosyan and B. Ouladdiaf, Study of the Mn-moment instability in the  $\text{TbMn}_2$  intermetallic compound by substitutions of Fe for Mn 104–107 (1992) 1465
- Ballou, R., A.S. Markosyan, I.S. Dubenko and R.Z. Levitin, Gigantic increase in the Curie temperature of the  $\text{R}(\text{Co}_{1-x}\text{Mn}_x)_2$  (R: heavy rare earths) systems at small Mn concentrations 110 (1992) 209
- Bando, Y., see T. Fujii 92 (1990) 261
- Bang, L., Q.Y. Shen, N. Matsumoto, F. Ono, O. Kohmoto, H. Maeta and K. Haruna, Magnetization process in high permeability Fe–Cu–Nb–Si–B alloys 104–107 (1992) 147
- Bansmann, J., C. Westphal, M. Getzlaff, F. Fegel and G. Schönhense, Magnetic circular dichroism in valence-band photo-emission from Fe(100) 104–107 (1992) 1691
- Bansmann, J., see M. Getzlaff 104–107 (1992) 1781
- Bara, J.J., B.F. Bogacz and A.T. Pędziwiatr, Mössbauer effect study of  $(\text{Er}_{1-x}\text{Pr}_x)_2\text{Fe}_{14}\text{B}$  system 99 (1991) 204
- Baran, A., see W. Suski 95 (1991) L133
- Baran, A., see M. Zelený 98 (1991) 25
- Baran, M., see K. Piotrowski 104–107 (1992) 483
- Baran, M., see J. Zbroszczyk 109 (1992) 221
- Barandiarán, J.M., see J.M. Blanco 101 (1991) 35
- Barandiarán, J.M., see M. Vázquez 96 (1991) 321
- Barandiarán, J.M., see A. Hernando 101 (1991) 6
- Barandiarán, J.M., see L. Fernández Barquín 101 (1991) 52
- Barandiarán, J.M. and A. Hernando, Amorphous magnetism: the role of anisotropy and magnetostriction distributions 104–107 (1992) 73
- Barandiarán, J.M., see M.L. Fdez-Gubieda 104–107 (1992) 82
- Barandiarán, J.M., see P.T. Squire 104–107 (1992) 107
- Barandiarán, J.M., see J. González 104–107 (1992) 139
- Baranov, N., see E. Gratz 104–107 (1992) 1918
- Baranov, N.V., see P. Svoboda 104–107 (1992) 1329
- Barault, G., see J. Rivas 101 (1991) 403
- Barbara, B., see J. Filippi 104–107 (1992) 165
- Barbara, B., see J. Beille 104–107 (1992) 532
- Barbara, B., see V.S. Amaral 104–107 (1992) 2079
- Barbier, A., see C. Boeglin 93 (1991) 31
- Barbon, P.G., see J. González 102 (1991) 63
- Barbón, P.G., see J.M. Blanco 104–107 (1992) 137
- Barbosa, M.V.S., see J. Albino Aguiar 104–107 (1992) 547
- Barilo, S.N., A.P. Ges, S.A. Guretskii, D.I. Zhigunov, A.A. Ignatenko, A.M. Luginets and V.N. Derkachenko, Influence of  $\text{Sm}^{3+}$ – $\text{Fe}^{3+}$  interaction on antiferromagnetic  $\text{Gd}^{3+}$  ions ordering in  $\text{Gd}_{1-x}\text{Sm}_x\text{-FeO}_3$  102 (1991) 30
- Barilo, S.N., see T. Chattopadhyay 104–107 (1992) 607
- Barnas, J., see P. Grünberg 93 (1991) 58
- Barnaś, J. and P. Grünberg, On the static magnetization of double ferromagnetic layers with antiferromagnetic inter-layer coupling in an external magnetic field 98 (1991) 57
- Barnaś, J., On the Hoffmann boundary conditions at the interface between two ferromagnets 102 (1991) 319
- Barnaś, J. and L. Smardz, Spin wave spectrum of ferromagnetic superlattices 104–107 (1992) 1865
- Barnaś, J., see L. Smardz 104–107 (1992) 1885
- Bärner, K., see A.F. Andresen 94 (1991) 347
- Bärner, K., see J.-W. Schünemann 104–107 (1992) 923
- Bärner, K., see P. Fröbel 104–107 (1992) 1155
- Bärner, K., see D. Müller 110 (1992) 161
- Baro, M.D., see M.T. Clavaguera-Mora 104–107 (1992) 1141
- Barradi, T. and A. Mailfert, On the incidence of domain wall behaviour on iron losses in grain-oriented Si–Fe sheets 104–107 (1992) 387
- Bartashevich, M.I., see T. Futakata 104–107 (1992) 729
- Bartashevich, M.I., see P. Svoboda 104–107 (1992) 1329
- Barth, S., see A. Schenck 108 (1992) 97

- Barthélémy, A., see F. Petroff 93 (1991) 95
- Barthélémy, A., see D.H. Mosca 93 (1991) 480
- Barthélémy, A., see A. Fert 104–107 (1992) 1712
- Barthélémy, A., A. Fert, P. Etienne, R. Cabanel and S. Lequien, Temperature dependence of the interface anisotropy in Fe(001)/Ag(001) superlattices 104–107 (1992) 1816
- Bartlett, R.J., see J.M. Lawrence 108 (1992) 215
- Bartolomé, J., see F.J. Lázaro 101 (1991) 372
- Bartolomé, J., F. Luis, D. Fruchart, O. Isnard, S. Miraglia, S. Obbade and K.H.J. Buschow, The effect of maximum hydrogenation on the RE<sub>2</sub>Fe<sub>14</sub>X, X = B,C compounds 101 (1991) 411
- Bartolomé, J., see F. Luis 101 (1991) 414
- Bartolomé, J., see A. Larrea 104–107 (1992) 229
- Bartolomé, J., see F. Lera 104–107 (1992) 615
- Bartolomé, J., see C. Piqué 104–107 (1992) 1167
- Bartolomé, J., see M. Artigas 104–107 (1992) 1993
- Bartolomé, J., see C. Rillo 104–107 (1992) 1995
- Baruchel, J., see B.K. Tanner 104–107 (1992) 317
- Baruchel, J., see J. Sandoñis 104–107 (1992) 345
- Baruchel, J., see J. Sandoñis 104–107 (1992) 347
- Baruchel, J., see J. Sandoñis 104–107 (1992) 350
- Baruchel, J., see R. Hock 104–107 (1992) 453
- Basa, K., Power loss measurements in amorphous soft magnetic cores 101 (1991) 296
- Baskey, J.H., see D.J. Lockwood 104–107 (1992) 1053
- Bass, J., see J. Mattsson 104–107 (1992) 1619
- Bass, J., see J. Mattsson 104–107 (1992) 1623
- Baszyński, J., see L. Smardz 104–107 (1992) 1885
- Batas, K., see N.K. Flevaris 93 (1991) 39
- Bate, G., Magnetic recording materials since 1975 100 (1991) 413
- Bateson, R.D., see J.A.C. Bland 93 (1991) 331
- Bateson, R.D., see J.A.C. Bland 93 (1991) 513
- Bateson, R.D., see J.A.C. Bland 104–107 (1992) 1798
- Bateson, R.D., see J.A.C. Bland 104–107 (1992) 1909
- Battle, X., B. Martínez, X. Obradors, M. Pernet, M. Vallet, J. González-Calvet and J. Alonso, Study of the magnetic properties of Nd<sub>2</sub>NiO<sub>4</sub> 104–107 (1992) 918
- Bauch, J., see J. Wieting 101 (1991) 128
- Baudelet, F., see M. Maurer 93 (1991) 15
- Baudelet, F., see R. Clarke 93 (1991) 53
- Baudelet, F., E. Dartyge, G. Krill, J.P. Kappler, C. Brouder, M. Piecuch and A. Fontaine, Magnetic properties of neodymium atoms in Nd–Fe multilayers studied by magnetic X-ray dichroism 93 (1991) 539
- Baudelet, F., C. Brouder, E. Dartyge, A. Fontaine, J.P. Kappler and G. Krill, Magnetic properties of some REFe<sub>2</sub> and Gd–Fe intermetallics studied by circular magnetic X-ray dichroism 104–107 (1992) 1418
- Bauer, E., see N. Pillmayr 104–107 (1992) 639
- Bauer, E., K. Payer, R. Hauser, E. Gratz, D. Gignoux, D. Schmitt, N. Pillmayr and G. Schaudy, A cross-over from intermediate valence to integer valence in Yb(Cu,Al)<sub>5</sub> compounds 104–107 (1992) 651
- Bauer, E., see E. Gratz 104–107 (1992) 1918
- Bauer, E., Anomalous properties of Ce–Cu-based compounds 108 (1992) 27
- Bauer, E., see I. Das 108 (1992) 82
- Bauer, E., E. Gratz, G. Huflesz, A.K. Bhattacharjee and B. Coqblin, Thermal conductivity of Ce-based Kondo compounds 108 (1992) 159
- Bauer, M. and E. Dormann, Anisotropic hyperfine interactions at the <sup>27</sup>Al-sites of ferromagnetically ordered GdAl<sub>2</sub> 104–107 (1992) 1291
- Bauer, Ph., see K. Cherifi 93 (1991) 609
- Bauhofer, W., W. Joss, R.K. Kremer, H. Mattausch and A. Simon, Origin of the resistivity increase in gadolinium hydride halides: GdXH(D)<sub>y</sub> (X = Cl, Br, I; 0.67 < y < 1.0) 104–107 (1992) 1243
- Baum, E. and J. Bork, Systematic design of magnetic shields (*Invited paper*) 101 (1991) 69
- Baumgart, P., B. Hillebrands and G. Güntherodt, In-situ determination of Magnetic anisotropies of thin epitaxial Fe(110) and Co(0001) films on W(110) using Brillouin light scattering 93 (1991) 225
- Bauminger, E.R., see I. Felner 104–107 (1992) 543
- Bava, G.F., see P. Cavallotti 104–107 (1992) 1216
- Bayle, C., see M. Le Floch 104–107 (1992) 1591
- Bayreuther, G., see P. Bruno 93 (1991) 605
- Bażela, W., J. Leciejewicz, A. Szytuła and A. Zygmunt, Magnetism of DyPd<sub>2</sub>Si<sub>2</sub> and ErPd<sub>2</sub>Si<sub>2</sub> 96 (1991) 114
- Bażela, W., see G. André 109 (1992) 34
- Bażela, W., J. Leciejewicz, K. Maletka and A. Szytuła, Magnetic ordering in TbNiGe<sub>2</sub> and HoNi<sub>0.64</sub>Ge<sub>2</sub> by neutron diffraction 109 (1992) 305
- Bødker, F., S. Mørup, C.A. Oxborrow, M.B. Madsen and J.W. Niemantsverdriet, Surface magnetism in ultrafine α-Fe particles 104–107 (1992) 1695
- Beach, R.S., see M.B. Salamon 104–107 (1992) 1729
- Beach, R.S., J.A. Borchers, R.W. Erwin, C.P. Flynn, A. Matheny, J.J. Rhyne and M.B. Salamon, Magnetic order in Dy/Lu superlattices 104–107 (1992) 1915
- Beale, A.D., J.P. Jakubovics, M.G. Hetherington, C.B. Scruby, B.A. Lewis and K.J. Davies, TEM studies of



- domains and micromagnetic processes in structural steels 104–107 (1992) 365
- Beatrice, C., F. Vinai, G. Sberveglieri, S. Groppelli, E. Bonetti and S. Enzo, Magnetic and structural properties of Fe/Al multilayered films deposited by thermal evaporation 93 (1991) 147
- Beatrice, C., see P. Allia 101 (1991) 49
- Beatrice, C. and G. Bertotti, Influence of magnetic viscosity on domain wall dynamics and Barkhausen effect in metallic ferromagnetic systems 104–107 (1992) 324
- Beatrice, C., see P. Allia 104–107 (1992) 1767
- Beaupaire, E., see F. Scheurer 93 (1991) 150
- Beauvillain, P., see C. Chappert 93 (1991) 319
- Beauvillain, P., see P. Bruno 93 (1991) 605
- Beauvillain, P., see F. Giron 104–107 (1992) 1887
- Becerra, C.C., see M.S. Torikachvili 104–107 (1992) 69
- Becerra, C.C., see A. Zieba 104–107 (1992) 71
- Becerra, C.C., see A. Paduan-Filho 104–107 (1992) 269
- Bechevet, B., see J. Mouchot 101 (1991) 239
- Beck, H., see L.C. Andreani 108 (1992) 53
- Becker, E., see R. Kordecki 93 (1991) 281
- Bedell, K.S., see L.E. De Long 99 (1991) 171
- Bednarski, S., see H. Kepa 104–107 (1992) 2065
- Behnia, K., D. Jaccard, L. Taillefer, J. Flouquet and K. Maki, Thermal conductivity of superconducting  $\text{UPt}_3$  versus magnetic field: probing the gap structure 108 (1992) 133
- Behr, R., see M. Ziese 104–107 (1992) 537
- Behre, J., S. Miyashita and H.-J. Mikeska, Quantum Monte Carlo study of a two-dimensional Heisenberg antiferromagnet with nonmagnetic impurities 104–107 (1992) 863
- Beille, J., G. Fillion, B. Barbara, Th. Grenet, M. Cyrot, A. Gerber and J.L. Martinez, Weak ferromagnetism of  $\text{Gd}_{1.85}\text{Th}_{0.15}\text{CuO}_{4-y}$  under pressure 104–107 (1992) 532
- Beille, J., see H. Schmitt 104–107 (1992) 1247
- Bekker, F.F., see N.H. Kim-Ngan 104–107 (1992) 1298
- Belanger, D.P. and A.P. Young, The random field Ising model 100 (1991) 272
- Belayachi, A., see J.L. Dormann 104–107 (1992) 239
- Bellessa, G., see N. Vernier 102 (1991) L15
- Bellissent, R., see B. Boucher 104–107 (1992) 93
- Bellitto, C., L.P. Regnault and J.P. Renard, Low temperature magnetic properties of the quasi-one-dimensional antiferromagnet tetramethylammonium chromium (II) trichloride 102 (1991) 116
- romagnetic ordering in the Kondo lattice  $\text{YbNiSn}$  108 (1992) 141
- Bellouard, C., M. Hennion, I. Mirebeau, A.J. Dianoux and V. Caignaut, Inelastic neutron study in superconducting  $\text{YBa}_2(\text{Cu}_{1-x}\text{Co}_x)_3\text{O}_7$  104–107 (1992) 517
- Bellouard, C., see I. Mirebeau 104–107 (1992) 1560
- Bellouard, C., M. Hennion, I. Mirebeau and B. Hennion, Insulating and metallic spin glasses: a comparative study of the dynamics by neutron scattering 104–107 (1992) 1627
- Belous, N.A., I.A. Zorin, N.V. Kulich, I.V. Lezhnenko and A.I. Tovstolytkin, Dynamics of low temperature magnetic behavior of  $\text{Co}_{0.53}\text{Ga}_{0.47}$  alloy 110 (1992) 197
- Belt, R.F., see M. Pardavi-Horvath 104–107 (1992) 433
- Beltrán, D., see F. Sapiña 104–107 (1992) 837
- Ben Jaffel, L., see L. Bessais 104–107 (1992) 1565
- Bender Koch, C., see S. Mørup 104–107 (1992) 1563
- Benediktsson, G., see H.U. Åström 104–107 (1992) 1507
- Benner, H., see G. Wiese 104–107 (1992) 1072
- Benner, H., see F. Rödelserperger 104–107 (1992) 1075
- Benner, H., J.A. Holyst and J. Löw, Pairing of kinks observed in TMMC below  $T_N$  104–107 (1992) 1077
- Bennett, L.H., see I. Aviram 98 (1991) 92
- Bennett, L.H., see M. Pardavi-Horvath 104–107 (1992) 313
- Bennett, L.H., L.J. Swartzendruber, D.L. Kaiser, F.W. Gayle, J. Blendell, J.M. Habib and H.M. Seyoum, Thermoremanence and Meissner effect in QMG and single-crystal YBCO 104–107 (1992) 539
- Bennett, L.H., R.D. McMichael, L.J. Swartzendruber, R.D. Shull and R.E. Watson, Monte Carlo and mean-field calculations of the magnetocaloric effect of ferromagnetically interacting clusters 104–107 (1992) 1094
- Bennett, W.R., see C.H. Lee 93 (1991) 592
- Berendschot, T.T.J.M., see E. Brück 104–107 (1992) 17
- Berezin, A.G., see A.M. Balbashov 104–107 (1992) 1037
- Berger, R., see L. Häggström 98 (1991) 37
- Bergerat, P., see E. Codjovi 104–107 (1992) 2103
- Berghaus, A., see M. Farle 93 (1991) 215
- Berkov, D.V., Micromagnetics of the single cylindrical particle (*Letter to the Editor*) 99 (1991) L7
- Berkov, D.V., The orientation kinetics of real magnetic particle assemblies 101 (1991) 221
- Berkov, D.V., The aggregation mechanism of small magnetic particle chains 104–107 (1992) 1540
- Berlureau, T., B. Chevalier, P. Graveriau, L. Fournes and J. Etourneau,



- Investigation of the  $\text{U}(\text{Fe}_{10-x}\text{Co}_x)\text{Si}_2$  ternary system with  $0 \leq x \leq 10$  by X-ray powder diffraction, magnetic and  $^{57}\text{Fe}$  Mössbauer studies 102 (1991) 166
- Bernal, M.J., see J.M. Riveiro 104–107 (1992) 155
- Bernal, M.J., J.M. Riveiro, A. Hernandez, E. Pulido and P. Crespo, Formation and properties of (CoP) Zr ultrafine particles prepared by mechanical alloying 104–107 (1992) 1090
- Bernhoeft, N., see P. Warren 104–107 (1992) 687
- Bernhoeft, N.R., see C.I. Gregory 104–107 (1992) 689
- Berthier, C., see W.G. Clark 104–107 (1992) 589
- Berthier, Y., see W.G. Clark 104–107 (1992) 589
- Berthon, S., see S.F. Matar 104–107 (1992) 1553
- Berton, A., see Y. Gros 104–107 (1992) 621
- Bertotti, G., see C. Beatrice 104–107 (1992) 324
- Bertotti, G., see M. Pasquale 104–107 (1992) 337
- Bertrand, D., J. Ferré, P. Meyer, J. Pommier and W. Kleemann, Random field effects in a disordered metamagnet: magnetic domains and their dynamics 104–107 (1992) 389
- Beseničar, S. and M. Drofenik, High coercivity Sr hexaferrites 101 (1991) 307
- Beseničar, S., see B. Saje 101 (1991) 357
- Beseničar, S., B. Saje, G. Dražič and J. Holc, The influence of  $\text{ZrO}_2$  addition on the microstructure and the magnetic properties of Nd–Dy–Fe–B magnets 104–107 (1992) 1175
- Besnus, M.J., A. Braghta, N. Hamdaoui and A. Meyer, A correlation between specific heat and the ratio  $T_K/T_N$  in magnetic Kondo lattices 104–107 (1992) 1385
- Besnus, M.J., A. Essaihi, G. Fischer, N. Hamdaoui and A. Meyer, Magnetic, specific heat and transport properties of  $\text{CePd}_2\text{Ge}_2$  104–107 (1992) 1387
- Bessais, L., L. Ben Jaffel and J.L. Dormann, New method of resolution of Brown's model for the relaxation time of fine magnetic particles: approximative formula and numerical calculations 104–107 (1992) 1565
- Best, D., see J. Pszczola 92 (1990) 101
- Betancourt, L., M. Chourio and V. Sagredo, Optical and magnetic properties of the semiconductor spinel  $\text{Cd}_{1-x}\text{Mn}_x\text{In}_2\text{S}_4$  101 (1991) 162
- Beuerle, T., P. Braun and M. Fähnle, On the total electronic energy and the magnetic properties of pure and nitrogenated  $\text{Y}_2\text{Fe}_{17}$  compounds (*Letter to the Editor*) 94 (1991) L11
- Beuerle, T., see M. Fähnle 104–107 (1992) 1931
- Beuerle, T. and M. Fähnle, Local hyperfine fields and the pressure dependence of the magnetization, the hyperfine fields and the critical temperature in  $\text{Y}_2\text{Fe}_{17}$ : an ab-initio calculation (*Letter to the Editor*) 110 (1992) L29
- Beutler, T., see A. Vaterlaus 104–107 (1992) 1693
- Bewley, R.I., R. Cywinski and S.H. Kilcoyne, Random anisotropy and exchange in amorphous  $\text{R}_{7-x}\text{R}'_x\text{Ni}_3$  104–107 (1992) 133
- Bezdušnyi, R.V., see S.A. Nikitin 92 (1991) 397
- Bhagat, S.M., see M. Huang 97 (1991) 297
- Bhattacharjee, A.K., see J.P. Lascaray 104–107 (1992) 995
- Bhattacharjee, A.K., see E. Bauer 108 (1992) 159
- Bi, S.Y., see L.M. Mei 104–107 (1992) 1903
- Bi, Y.J., J.S. Abell and A.M.H. Hwang, Defects in Terfenol-D crystals 99 (1991) 159
- Bi, Y.J., A.M.H. Hwang and J.S. Abell, Magnetostrictive and microstructural properties of Terfenol-D prepared by different routes 104–107 (1992) 1471
- Białaś-Borgieł, K., see Z. Drzazga 101 (1991) 399
- Bieber, A., and F. Gautier, Phase stability and short range order in magnetic transition metal alloys. I. Electronic structure and interplay between chemical and magnetic cluster interactions 99 (1991) 293
- Bienert, J.A.M., see H.A.M. de Gronckel 93 (1991) 457
- Bińkowski, A. and J. Kulikowski, Effect of stresses on the magnetostriction of Ni–Zn(Co) ferrites 101 (1991) 122
- Bińkowski, A., Some effects of stresses in Ni–Zn ferrites containing cobalt 101 (1991) 125
- Binder, K., see D.P. Landau 104–107 (1992) 841
- Biner, S.B., see D.A. Kaminski 104–107 (1992) 382
- Binner, A., see F.-Th. Bölter 101 (1991) 289
- Binner, A., J. Schneider and C. Stiller, Effect of structural features in Nd–Fe–B-based magnets on the demagnetization process 101 (1991) 427
- Birrer, P., see A. Schenck 108 (1992) 97
- Bishop, A.R., see A.R. Völkel 104–107 (1992) 766
- Bissell, P.R., see M.D. Clarke 95 (1991) 17
- Bissell, P.R. and A. Lyberatos, Reversible changes during remanent magnetisation and demagnetisation processes in particulate and thin film recording media 95 (1991) 27
- Bissell, P.R., see G.J. Tomka 104–107 (1992) 1147
- Bissell, P.R., R.W. Chantrell, S.R. Hoon, D.B. Lambrick and B.K. Tanner, Small-angle X-ray scattering study of ferrofluids 104–107 (1992) 1551
- Biyadi, K., see J. Bras 101 (1991) 369

- Blache, C. and G. Lemarquand, Linear displacement sensor with high magnetic field gradient 104–107 (1992) 1106
- Blache, C. and G. Lemarquand, High magnetic field gradients in flux confining permanent magnet structures 104–107 (1992) 1111
- Blackman, J.A., K.N. Trohidou and J.F. Cooke, High-energy spin waves in cubic and hcp transition metals 104–107 (1992) 721
- Blackman, J.A., see J. Poulter 104–107 (1992) 1647
- Blaha, P., K. Schwarz and A.K. Ray, Isomer shifts and electric field gradients in  $\text{Y}(\text{Fe}_{1-x}\text{Al}_x)_2$  104–107 (1992) 683
- Blaise, A., M.N. Bouillet, F. Bourdarot, P. Burlet, J. Rebizant, J. Rossat-Mignod, J.P. Sanchez, J.C. Spirlet and O. Vogt, Magnetic structure and properties of  $\text{NpS}$  and  $\text{NpSe}$  104–107 (1992) 33
- Blaise, A., see K. Mattenberger 104–107 (1992) 43
- Blaise, A., see B. Malaman 104–107 (1992) 1359
- Blamire, M.G., see R.J. Highmore 104–107 (1992) 1777
- Blanco, A.M., see F. Carmona 92 (1991) 417
- Blanco, J.A., D. Gignoux, D. Schmitt and C. Vettier, Field induced magnetic structures in  $\text{TbNi}_2\text{Si}_2$  97 (1991) 4
- Blanco, J.A., D. Gignoux, J.C. Gómez Sal and D. Schmitt, Commensurate and incommensurate magnetic phases in tetragonal  $\text{PrNi}_2\text{Si}_2$  and  $\text{TbNi}_2\text{Si}_2$  104–107 (1992) 1273
- Blanco, J.A., D. Gignoux, J.C. Gómez Sal, J. Rodríguez Fdez and D. Schmitt, Magnetic contribution to the electrical resistivity in  $\text{RGa}_2$  compounds ( $R$  = rare earth) 104–107 (1992) 1285
- Blanco, J.A., L. Fernández Barquín, D. Gignoux, J.C. Gómez Sal, J. Rodríguez-Carvajal and J. Rodríguez Fernández, Magnetic structures and cerium moment reduction in the  $\text{CeNi}_x\text{Pt}_{1-x}$  ferromagnetic Kondo lattices 108 (1992) 51
- Blanco, J.M., see M. Vázquez 96 (1991) 321
- Blanco, J.M., J. González, M. Vázquez, J.M. Barandiarán and A. Hernando, Measurement of magnetostriction and induced magnetic anisotropy by SAMR method in Co-rich stress + field annealed amorphous ribbons 101 (1991) 35
- Blanco, J.M., see J. González 102 (1991) 63
- Blanco, J.M., P.G. Barbón, J. González, C. Gómez-Polo and M. Vázquez, Stress induced magnetic anisotropy in non-magnetostrictive amorphous wires 104–107 (1992) 137
- Blanco, J.M., see J. González 104–107 (1992) 139
- Bland, J.A.C., R.D. Bateson, A.D. Johnson, B. Heinrich, Z. Celinski and H.J. Lauter, Magnetic properties of ultrathin bcc  $\text{Fe}(001)$  films grown epitaxially on  $\text{Ag}(001)$  substrates 93 (1991) 331
- Bland, J.A.C., A.D. Johnson, H.J. Lauter, R.D. Bateson, S.J. Blundell, C. Shackleton and J. Penfold, Spin-polarised neutron reflection studies of epitaxial films (*Invited paper*) 93 (1991) 513
- Bland, J.A.C., A.D. Johnson, R.D. Bateson and H.J. Lauter, Magnetic properties of ultrathin  $\text{Co}/\text{Ag}(001)$  films 104–107 (1992) 1798
- Bland, J.A.C., R.D. Bateson, B. Heinrich, Z. Celinski and H.J. Lauter, Spin polarised neutron reflection studies of ultrathin magnetic films 104–107 (1992) 1909
- Blank, R., What determines the demagnetization in  $\text{Nd-Fe-B}$  magnets? (*Invited paper*) 101 (1991) 317
- Blasco, J., J. Garcia and A. Badia, Study of Y by Zr substitution in  $\text{YBa}_2\text{Cu}_3\text{O}_{7-\delta}$  superconductor: structural, magnetic and conductivity properties 104–107 (1992) 573
- Bleaney, B., R.W. Hill, M.J.M. Leask and M.R. Wells, Thermal and magnetic properties of barium holmium fluoride 104–107 (1992) 1245
- Blendell, J., see L.H. Bennett 104–107 (1992) 539
- Blick, R., see P. Thalmeier 108 (1992) 109
- Blick, R., see G. Bruls 108 (1992) 111
- Bloemen, P.J.H., W.J.M. de Jonge and F.J.A. den Broeder, The temperature dependence of the magnetization of magnetic multilayers 93 (1991) 105
- Bloemen, P.J.H., see F.J.A. den Broeder 93 (1991) 562
- Bloemen, P.J.H., see H.W. van Kesteren 102 (1991) L9
- Bloemen, P.J.H., E.A.M. van Alphen and W.J.M. de Jonge, Interlayer coupling in  $\text{Co}/\text{Pt}/\text{Co}$  trilayers investigated by ferromagnetic resonance 104–107 (1992) 1775
- Bloemen, P.J.H., see H.A.M. de Gronckel 104–107 (1992) 1809
- Blundell, S.J., see J.A.C. Bland 93 (1991) 513
- Blythe, H.J., see E. Klugmann 101 (1991) 99
- Boardman, C.J., see J.L. García-Muñoz 104–107 (1992) 555
- Bobák, A. and P. Macko, Phase transition of site-dilute Ising model in a random field 109 (1992) 172

- Bobo, J.-F., P. Delcroix, J.-C. Ousset, M.-F. Ravet and M. Picuch, Magnetic properties of sputtered Fe/Al multilayers 93 (1991) 452
- Bobryshev, Ju.V., see A.M. Balbashov 104–107 (1992) 1037
- Bochu, B., see H. Vincent 101 (1991) 170
- Bochu, M., see J.L. Deschanvres 101 (1991) 224
- Bock, J., see H. Maletta 104–107 (1992) 495
- Bocquet, S. and S.J. Kennedy, The Néel temperature of fine particle goethite 109 (1992) 260
- Bode, S., see L. Kraus 101 (1991) 1
- Boeglin, C., A. Barbier, F. Scheurer, B. Carrière and J.P. Deville, Evidence of epitaxial cobalt on platinum (100) surfaces 93 (1991) 31
- Boeglin, C., see F. Scheurer 93 (1991) 150
- Boender, G.J., see P.C.M. Gubbens 97 (1991) 69
- Boender, G.J., see A.A. Moolenaar 101 (1991) 395
- Bogacz, B.F., see J.J. Bara 99 (1991) 204
- Bogomaz, I.V. and V.A. Ignatchenko, Stochastic magnetic structure and magnetization curve of amorphous ferro- and ferrimagnets 94 (1991) 179
- Boher, P., see F. Pierre 93 (1991) 131
- Boher, P., see F. Pierre 104–107 (1992) 1033
- Boher, P., see F. Giron 104–107 (1992) 1887
- Böhm, A., see C. Geibel 108 (1992) 209
- Bohné, O., see R.A. Brand 104–107 (1992) 1891
- Bolmont, D., see C. Krembel 93 (1991) 529
- Bölter, F.-Th. and A. Binner, Adaptive grid generation for the finite element method 101 (1991) 289
- Bonaldi, M., see G. Durin 101 (1991) 89
- Bond, M.R., see T.E. Grigereit 104–107 (1992) 831
- Bonetti, E., see C. Beatrice 93 (1991) 147
- Bonetti, E., see P. Allia 104–107 (1992) 1767
- Bonino, Ch., see Ch. Sarda 109 (1992) 127
- Bonomartini-Corradi, A., see T.E. Grigereit 104–107 (1992) 831
- Bonville, P., J.A. Hodges, P. Imbert, G. Jéhanho, D. Jaccard and J. Sierro, Magnetic ordering and paramagnetic relaxation of  $\text{Yb}^{3+}$  in  $\text{YbNi}_2\text{-Si}_2$  97 (1991) 178
- Bonville, P., see J.A. Hodges 104–107 (1992) 551
- Bonville, P., see P. Bellot 108 (1992) 141
- Boockmann, K., M. Liehr, W. Rodewald, E. Salzborn, M. Schlapp and B. Wall, Effect of  $\gamma$ -radiation on Sm–Co- and Nd–Dy–Fe–B-magnets 101 (1991) 345
- Booth, J.G., M.M.R. Costa, J. Rodriguez-Carjaval and J.A. Paixao, Magnetic phase diagram of the dilute Cr–Ge system 104–107 (1992) 735
- Boothroyd, A.T., see M.P. Nutley 104–107 (1992) 623
- Boothroyd, A.T., T.G. Perring, A.D. Taylor, D.McK. Paul and H.A. Mook, High energy spin waves in iron measured by neutron scattering 104–107 (1992) 713
- Borchers, J.A., see M.B. Salamon 104–107 (1992) 1729
- Borchers, J.A., see F. Tsui 104–107 (1992) 1901
- Borchers, J.A., see R.S. Beach 104–107 (1992) 1915
- Bordet, P., see M. Tovar 104–107 (1992) 549
- Borgiel, W., see Z. Drzazga 101 (1991) 399
- Borisov, A.B., B.N. Filippov, V.V. Zverev and B.Ya. Rubinstein, On the magnetization chaotic dynamics in the ferromagnetic resonance region 110 (1992) 202
- Bork, J., see E. Baum 101 (1991) 69
- Born, O., see W. Palme 104–107 (1992) 805
- Bornfreund, R.E., see M. Pardavi-Horvath 104–107 (1992) 433
- Borrás-Almenar, J.J., E. Coronado, J.C. Gallart, R. Georges and C.J. Gomez-García, Spin frustration in one-dimensional magnetic materials 104–107 (1992) 835
- Borrás-Almenar, J.J., E. Coronado, R. Georges and C.J. Gómez-García, Magnetic properties of mixed-valence tetranuclear iron clusters: electron transfer versus exchange interactions 104–107 (1992) 955
- Borsje, H.R., see R.J.H. Kappert 100 (1991) 363
- Boshoff, A.H., see H.L. Alberts 104–107 (1992) 2031
- Böttger, Ch., R. Stasch, A. Wulfes and J. Hesse, Magnetic field dependences of the characteristic temperatures in the reentrant spin glasses  $(\text{Fe}_{0.65}\text{Ni}_{0.35})_{1-x}\text{Mn}_x$  99 (1991) 280
- Böttger, Ch., see T. Eckelt 104–107 (1992) 1665
- Böttger, Ch., see A. Wulfes 104–107 (1992) 2069
- Bottoni, G., The reptation of the magnetization cycles in particulate recording media 95 (1991) 14
- Bottoni, G., D. Candolfo, A. Cecchetti, A.R. Corradi and F. Masoli, Magnetization processes in iron particles for magnetic recording 104–107 (1992) 961
- Bottoni, G., D. Candolfo, A. Cecchetti and F. Masoli, Evolution of the interactions effects with Co-doping of iron oxide particles 104–107 (1992) 975
- Bottoni, G., Influence of the crystal lattice modifications with doping ions on the reptation of magnetic recording particles 110 (1992) 355
- Bouarab, S., H. Nait-Laziz, C. Demangeat, A. Mokrani and H. Dreyse, Spin polarization in V(001) slabs (*Letter to the Editor*) 102 (1991) L233



- Bouarab, S., H. Nait-Laziz, C. Demangeat, A. Mokrani and H. Dreyssé, Thickness dependence of the spin polarization in V(001) and Pd(001) slabs 104–107 (1992) 1765
- Bouchara, D., see J. Degauque 101 (1991) 114
- Boucher, B. and R. Tourbot, Magnetic medium-range order in amorphous  $\text{Tb}_x\text{Si}_{1-x}$  ( $x = 0.59; 0.87$ ) 104–107 (1992) 85
- Boucher, B., R. Tourbot and R. Bellissent, Magnetic behavior of  $\text{Er}_x\text{Cu}_{1-x}$  amorphous alloys ( $x = 0.69, 0.33, 0.09$ ) 104–107 (1992) 93
- Boucher, B., see Q. Chen 110 (1992) 139
- Boucherle, J.X., see J.A. Alonso 103 (1992) 179
- Boucherle, J.X., J.Y. Henry, R. Papoular, J. Rossat-Mignod, J. Schweizer and F. Tasset, Spin density in the high  $T_c$  superconductor  $\text{YBa}_2\text{Cu}_3\text{O}_7$  104–107 (1992) 630
- Boudarène, L., see D. Petitgrand 104–107 (1992) 585
- Bouillet, M.N., see A. Blaise 104–107 (1992) 33
- Bouillet, M.N., see K. Mattenberger 104–107 (1992) 43
- Bouladakis, S., see S. Logothetidis 93 (1991) 444
- Bourdarot, F., see A. Blaise 104–107 (1992) 33
- Bourdarot, F., see K. Mattenberger 104–107 (1992) 43
- Bourdarot, F., see P. Burlet 108 (1992) 202
- Bourges, P., see D. Petitgrand 104–107 (1992) 585
- Bourree-Vigneron, F., see M. Nogues 104–107 (1992) 1643
- Boursier, D., see H. Vincent 101 (1991) 170
- Bousseksou, A., C. Place, J. Linares and F. Varret, Dynamic spin cross-over in  $[\text{Fe}(\text{2-BIK})_3(\text{ClO}_4)_2]$  and  $[\text{Fe}(\text{Me}_2\text{2-BIK})_3(\text{BF}_4)_2]$  investigated by Mössbauer spectroscopy 104–107 (1992) 225
- Bousseksou, A., A. Ducouret-Cérèze, M. Guillot, J. Hamman, J. Linares, J. Nasser and F. Varret, Magnetic and Mössbauer data of  $\text{Fe}^{2+}$  in  $\text{K}_2\text{ZnF}_4$ , analyzed in the spin Hamiltonian formalism 110 (1992) 295
- Bowen, L.H., see S.C. Dorman 98 (1991) 28
- Bozukov, L., A. Apostolov and M. Stoytchev, A change in magnetic and structural properties of the  $\text{CeFe}_{11}\text{Ti}$  intermetallic compound upon hydrogen absorption 101 (1991) 355
- Bozzini, B., see P.L. Cavallotti 104–107 (1992) 905
- Bozzini, B., see P. Cavallotti 104–107 (1992) 1216
- Brabers, V., see Y. Kawai 104–107 (1992) 407
- Brabers, V.A.M. and A.D.D. Broemme, Low-spin–high-spin transition in the  $\text{Co}_3\text{O}_4$  spinel 104–107 (1992) 405
- Brabers, V.A.M., see J.H.P.M. Emmen 104–107 (1992) 473
- Braga, M.E., see R.P. Pinto 104–107 (1992) 1235
- Braghta, A., see M.J. Besnus 104–107 (1992) 1385
- Brahma, P., A.K. Giri, D. Chakravorty, M. Tiwari and D. Bahadur, Magnetic properties of  $\text{Sb}_2\text{O}_3$ -doped Ba–M hexagonal ferrites 102 (1991) 109
- Brahma, P., A.K. Giri, M. Roy, D. Bahadur and D. Chakravorty, Preparation of Ba–W hexaferrite by  $\text{Sb}_2\text{O}_3$  doping 103 (1992) 174
- Bramley, R., see W.A. Kaczmarek 96 (1991) 341
- Branco, N.S., see A. Chame 104–107 (1992) 211
- Brand, R.A., see B. Scholz 93 (1991) 499
- Brand, R.A., see B. Scholz 104–107 (1992) 1889
- Brand, R.A., O. Bohné and W. Keune, Mössbauer studies of magnetic anisotropy in  $\text{Pt}/\text{Fe}_{1-x}\text{Co}_x$  multilayers 104–107 (1992) 1891
- Brandão, D.E., see G.L.F. Fraga 102 (1991) 199
- Brändle, H., see D. Weller 93 (1991) 183
- Brändle, H., J. Schoenes, P. Wachter, F. Hulliger and W. Reim, Large room-temperature magneto-optical Kerr effect in  $\text{CuCr}_2\text{Se}_{4-x}\text{Br}_x$  ( $x = 0$  and  $0.3$ ) 93 (1991) 207
- Brändle, H., see W. Reim 93 (1991) 220
- Bras, J., see J. Degauque 101 (1991) 114
- Bras, J., K. Biyadi, M. Fagot, J. Degauque, F. Vial and P. Tenaud, Microstructure of NdFeB based sintered magnets with additions of Dy, Co, Al and V 101 (1991) 369
- Braun, P., see T. Beuerle 94 (1991) L11
- Braun, P., see M. Fähnle 104–107 (1992) 1931
- Bredl, C.D., see F. Steglich 108 (1992) 5
- Bredl, C.D., see S. Horn 108 (1992) 205
- Bredl, C.D., see C. Geibel 108 (1992) 207
- Bredl, C.D., see C. Geibel 108 (1992) 209
- Brewer, J.H., see B.J. Sternlieb 104–107 (1992) 801
- Briat, B., see Z. Tun 104–107 (1992) 1045
- Brida, G., see P. Allia 101 (1991) 49
- Briggs, G.A.D., see D.H.L. Ng 104–107 (1992) 355
- Bringley, J.F., see F. Mehran 104–107 (1992) 637
- Brizzolara, R.A. and R.J. Colton, The magnetostriction of  $\text{CoFeNiMo}$  metallic glasses measured with a tunneling transducer 103 (1992) 111
- Brodsky, M.B., see M.J. Conover 102 (1991) L5
- Brodsky, M.B., see J.E. Mattson 109 (1992) 179
- Broemme, A.D.D., see V.A.M. Brabers 104–107 (1992) 405
- Broese van Groenou, A., Tribology of magnetic storage systems, a short review 95 (1991) 289
- Bröhl, K., see Ch. Morawe 102 (1991) 223
- Brömer, H., see E. Tönsing 97 (1991) 316
- Brommer, P.E., see N.H. Duc 104–107 (1992) 1252
- Brommer, P.E., see N.H. Kim-Ngan 104–107 (1992) 1298
- Brooks, M.S.S., see S. Auluck 104–107 (1992) 35
- Brooks, M.S.S., see T. Gasche 104–107 (1992) 37
- Brooks, M.S.S., see L. Severin 104–107 (1992) 745
- Brooks, M.S.S., see L. Nordström 104–107 (1992) 1378
- Brooks, M.S.S., T. Gasche, S. Auluck, L. Nordström, L. Severin, J. Trygg



- and B. Johansson, Density functional theory of molecular fields in R–M systems 104–107 (1992) 1381
- Brooks, M.S.S., see J. Trygg 104–107 (1992) 1447
- Brooks, M.S.S., S. Auluck, T. Gasche, J. Trygg, L. Nordström, L. Severin and B. Johansson, Theory of the Curie temperatures of the rare earth metals 104–107 (1992) 1496
- Brooks, M.S.S., see L. Nordström 104–107 (1992) 1942
- Brotzeller, C., H. Jaitner, B. Hock, O. Neumann, R. Geick, W. Treutmann, S. Hosoya and H. Kato, Various exchange interactions and anisotropies in  $\text{Fe}_2\text{SiO}_4$  and  $\text{Co}_2\text{SiO}_4$  104–107 (1992) 949
- Brotzeller, C., see W. Schmidt 104–107 (1992) 1049
- Brouder, C., see F. Baudelet 93 (1991) 539
- Brouder, C., see F. Baudelet 104–107 (1992) 1418
- Brown, J.R., R.C.L. Jenkins, S. Price, Y.G. Proykova, D.W. Salt, C.J. Tinsley and G.J.A. Hunter, Monte Carlo and cumulant expansion studies of ferrimagnetic order in Ising and classical Heisenberg systems 104–107 (1992) 207
- Brown, P.J., see T. Chattopadhyay 104–107 (1992) 607
- Brown, P.J., see R. Ballou 104–107 (1992) 935
- Brown, P.J., J. Deportes, K.-U. Neumann and K.R.A. Ziebeck, High-temperature magnetisation distribution in nickel 104–107 (1992) 2083
- Brown, S.E., see E.A. Knetsch 108 (1992) 71
- Brown, S.E., see E.A. Knetsch 108 (1992) 73
- Brown, S.R. and I. Hall, Mössbauer study of  $(\text{NH}_4)_2\text{FeCl}_5 \cdot \text{H}_2\text{O}$  104–107 (1992) 921
- Brož, D. and B. Sedláč, Surface ferromagnetism of synthetic goethite 102 (1991) 103
- Brubaker, M.E., E.R. Moog, C.H. Sowers, J. Zak and S.D. Bader, Transverse magneto-optic Kerr effect in ultrathin films (*Letter to the Editor*) 103 (1992) L7
- Brück, E., H.P. Van der Meulen, A.A. Menovsky, F.R. De Boer, P.F. De Châtel, J.J.M. Franse, J.A.A.J. Perenboom, T.T.J.M. Berendschot, H. Van Kempen, L. Havela and V. Sechovský, Specific heat of  $\text{UNiAl}$  in high magnetic fields 104–107 (1992) 17
- Brück, E., see L. Jirman 104–107 (1992) 19
- Brück, E., see H. Maletta 104–107 (1992) 21
- Brück, E., see J.P. Kuang 104–107 (1992) 1475
- Brück, E., see J. Schoenes 108 (1992) 40
- Brück, E., see K. Bakker 108 (1992) 63
- Brück, E.H., see L. Havela 104–107 (1992) 23
- Brückel, Th., W. Prandl and K. Hagdorn, Neutron scattering investigation of the magnetic structure and phase transitions in  $\text{CoNiTAC}$  mixed crystals 104–107 (1992) 1629
- Brucker, C.F., see R.H. Victora 97 (1991) 343
- Bruls, G., see P. Thalmeier 108 (1992) 109
- Bruls, G. and R. Blick, Critical current and vortex lattice in superconducting  $\text{UPT}_3$  108 (1992) 111
- Brunet, L.G., M.A. Gusmão and J.R. Iglesias, Local approach to the magnetic susceptibility and specific heat of the Anderson lattice 108 (1992) 147
- Bruno, A., see C. Dufour 93 (1991) 545
- Bruno, P., see C. Chappert 93 (1991) 319
- Bruno, P., G. Bayreuther, P. Beauvilain, C. Chappert, G. Lugert, D. Renard, J.P. Renard and J. Seiden, Magnetic hysteresis of cobalt ultrathin films with perpendicular anisotropy 93 (1991) 605
- Brusberg, M., see W. Grünberger 101 (1991) 173
- Bruson, A., see K. Cherifi 93 (1991) 609
- Bucci, C., see L. Albanese 104–107 (1992) 509
- Buckley, R.A., see A. Manaf 101 (1991) 360
- Buckley, R.A., see A. Manaf 104–107 (1992) 1145
- Budnick, J.I., see Y.D. Zhang 100 (1991) 13
- Bulou, A., see A.T. Abdalian 104–107 (1992) 1047
- Bunbury, D.St.P., see C. Carboni 104–107 (1992) 1513
- Burgstaller, A., W. Socher, J. Voithländer, I. Bakonyi, E. Tóth-Kádár, A. Lovas and H. Ebert, Magnetic studies of amorphous Ni–P alloys 109 (1992) 117
- Burlet, P., see H. Maletta 104–107 (1992) 21
- Burlet, P., see A. Blaise 104–107 (1992) 33
- Burlet, P., see K. Mattenberger 104–107 (1992) 43
- Burlet, P., see D. Gignoux 104–107 (1992) 1262
- Burlet, P., F. Bourdarot, S. Quezel, J. Rossat-Mignod, P. Lejay, B. Chevalier and H. Hickey, Magnetic phase diagram of the  $\text{U}(\text{Rh}_{1-x}\text{Ru}_x)\text{Si}_2$  system 108 (1992) 202
- Burmistrov, S., J. Jalishev and V. Pokazan'ev, Spectroscopical detection of horizontal Bloch line in  $180^\circ$  domain wall 96 (1991) 349
- Burriel, R., see F. Luis 101 (1991) 414
- Burriel, R., see M. Castro 104–107 (1992) 619
- Burriel, R., M. Castro, C. Piqué, A. Salinas-Sánchez and R. Sáez-Puche, Calorimetric study of the green phases  $\text{R}_2\text{BaCuO}_5$  ( $\text{R} = \text{Gd}, \text{Dy}, \text{Ho}, \text{Er}, \text{Lu}, \text{Y}$ ) 104–107 (1992) 627
- Burriel, R., see C. Piqué 104–107 (1992) 1167
- Burzo, E., V. Pop and N. Plugaru, Magnetic properties of  $\text{GdCo}_{4-x}\text{M}_x\text{B}$  compounds where  $\text{M} = \text{Fe}$  or  $\text{Ni}$  97 (1991) 147

- Buschow, K.H.J., R. Coehoorn, D.B. de Mooij, K. de Waard and T.H. Jacobs, Structure and magnetic properties of  $R_2Fe_{17}N_x$  compounds (*Letter to the Editor*) 92 (1990) L35
- Buschow, K.H.J., see X.P. Zhong 92 (1990) 46
- Buschow, K.H.J., see M.W. Dirken 94 (1991) L15
- Buschow, K.H.J., see M. Yethiraj 97 (1991) 45
- Buschow, K.H.J., see P. Schobinger-Papamantellos 97 (1991) 53
- Buschow, K.H.J., see P.C.M. Gubbens 97 (1991) 69
- Buschow, K.H.J., see P.C.M. Gubbens 98 (1991) 141
- Buschow, K.H.J., see R.A. Robinson 98 (1991) 147
- Buschow, K.H.J., see J.P. Liu 98 (1991) 291
- Buschow, K.H.J., Permanent magnet materials based on tetragonal rare earth compounds of the type  $RFe_{12-x}M_x$  100 (1991) 79
- Buschow, K.H.J., see X.C. Kou 101 (1991) 349
- Buschow, K.H.J., see F.J. Lázaro 101 (1991) 372
- Buschow, K.H.J., see A.A. Moolenaar 101 (1991) 395
- Buschow, K.H.J., see J. Bartolomé 101 (1991) 411
- Buschow, K.H.J., see F. Luis 101 (1991) 414
- Buschow, K.H.J., see H. Maletta 104–107 (1992) 21
- Buschow, K.H.J., see P.C.M. Gubbens 104–107 (1992) 1113
- Buschow, K.H.J., see O.A. Pringle 104–107 (1992) 1123
- Buschow, K.H.J., see T.H. Jacobs 104–107 (1992) 1275
- Buschow, K.H.J., see P.C.M. Gubbens 104–107 (1992) 1283
- Buschow, K.H.J., see A.V. Andreev 104–107 (1992) 1305
- Buschow, K.H.J., see Cz. Kapusta 104–107 (1992) 1331
- Buschow, K.H.J., see Cz. Kapusta 104–107 (1992) 1333
- Buschow, K.H.J., see M.R. Ibarra 104–107 (1992) 1375
- Buschow, K.H.J., see O. Moze 104–107 (1992) 1391
- Buschow, K.H.J., see T. Endstra 108 (1992) 69
- Buschow, K.H.J., see G.F. Zhou 109 (1992) 265
- Butaud, P., see W.G. Clark 104–107 (1992) 589
- Buttino, G., A. Cecchetti, M. Poppi and G. Zini, Bending effects on magnetic properties of nearly zero-magnetostrictive Co-rich amorphous ribbons 97 (1991) 135
- Büttner, G. and K.D. Usadel, Monte Carlo investigation of dynamic properties of the quantum Ising spin glass in a transverse field 104–107 (1992) 1601
- Buyers, W.J.L., see W. Wei 108 (1992) 77
- Buzano, C. and L.R. Evangelista, Cluster variation method for the Blume–Emery–Griffiths model 104–107 (1992) 231
- Bykovetz, N., see T. Yuen 109 (1992) 98
- Cabanel, R., see D.H. Mosca 93 (1991) 480
- Cabanel, R., see A. Barthélémy 104–107 (1992) 1816
- Cable, J.W., see P. Radhakrishna 104–107 (1992) 1065
- Cabrera, G.G., see G.A. Lara 104–107 (1992) 499
- Cabrera, G.G., see D. Medeiros 104–107 (1992) 799
- Caciuffo, R., see O. Moze 104–107 (1992) 1394
- Cadogan, J.M., see H.-S. Li 103 (1992) 53
- Cadogan, J.M., see H.-S. Li 109 (1992) L153
- Cadogan, J.M. and H.-S. Li, Analysis of the unusual temperature dependence of the anisotropy constant  $K_1$  of  $Y_2Fe_{14}B$  (*Letter to the Editor*) 110 (1992) L15
- Cadogan, J.M. and H.-S. Li, Spin reorientations in  $(Er,Nd)_2Fe_{14}B$  (*Letter to the Editor*) 110 (1992) L20
- Cagan, V., see R. Krishnan 101 (1991) 205
- Cagan, V., see M. Guyot 101 (1991) 256
- Caignaert, V., see C. Bellouard 104–107 (1992) 517
- Calage, Y., M.C. Moron, J.L. Fourquet and F. Palacio, Mössbauer study of the  $\alpha$  and  $\beta$  forms of  $(NH_4)_2FeF_5$  98 (1991) 79
- Calais, J.-L., see A. Hjelm 104–107 (1992) 727
- Calais, J.-L., see A. Hjelm 110 (1992) 275
- Calderon, F., see O. Popov 99 (1991) 119
- Calestani, G., see L. Peraldo Bicelli 94 (1991) 267
- Calestani, G., see L. Albanese 104–107 (1992) 509
- Calestani, G., see E. Agostinelli 104–107 (1992) 603
- Calka, A., see W.A. Kaczmarek 96 (1991) 341
- Cambridge, J.A., see P.I. Mayo 95 (1991) 109
- Campana, L.S., see G. Kamieniarz 104–107 (1992) 865
- Campbell, I.A. and L. de Arcangelis, The phase diagram of Ising spin glasses 104–107 (1992) 1671
- Campbell, S.J., see P.W. Thompson 104–107 (1992) 1503
- Campbell, S.J., see T.J. McKenna 104–107 (1992) 1505
- Campos, A., J. Englich, H. Lütgemeier, M. Marysko, P. Novak and W. Zinn, Magnetization process and site preference of Bi in YIG:Bi epitaxial films studied by  $^{57}Fe$  NMR 104–107 (1992) 431
- Candolfo, D., see G. Bottoni 104–107 (1992) 961
- Candolfo, D., see G. Bottoni 104–107 (1992) 975
- Canfield, P., see M. Tovar 104–107 (1992) 549
- Canfield, P.C., see J.M. Lawrence 108 (1992) 215
- Canfield, P.C., J.D. Thompson, Z. Fisk, M.F. Hundley and A. Lacerda, Effects of doping on hybridization gapped materials 108 (1992) 217
- Cao, L., see B.-G. Shen 104–107 (1992) 1281
- Caplin, A.D., see E. Lähderanta 104–107 (1992) 1605
- Caramico D'Auria, A., see G. Kamieniarz 104–107 (1992) 865
- Carboni, C. and D. Ciomartan, Magnetic properties of  $Ho_2Cu_2O_5$  and  $Y_2Cu_2O_5$  104–107 (1992) 939
- Carboni, C., see A. Tari 104–107 (1992) 1355
- Carboni, C., M.A.H. McCausland, D.St.P. Bunbury, B.L. Reid, M. Lataifeh and J.S. Abell, Crystal-field anisotropy of Tb, Ho and Tm in gadolinium 104–107 (1992) 1513
- Carey, R., see G.S. Bains 104–107 (1992) 1011

- Carmesin, H.O. and K. Ohno, Mean-field theory and series expansion analysis of multipolar glasses 104–107 (1992) 264
- Carmona, F., A.M. Blanco and C. Alemany, Magnetic viscosity in Ba-fer-rite 92 (1991) 417
- Carmona, F., J.M. Gonzalez, A. Martin, V.E. Martin and A. Garcia-Escorial, Thermomagnetic behaviour of mechanically alloyed Fe–Si 101 (1991) 119
- Carretta, P., see L. Albanese 104–107 (1992) 509
- Carrière, B., see C. Boeglin 93 (1991) 31
- Carrière, B., see F. Scheurer 93 (1991) 150
- Carteaux, V., G. Ouvrard, J.C. Grenier and Y. Laligant, Magnetic structure of the new layered ferromagnetic chromium hexatellurosilicate  $\text{Cr}_2\text{-Si}_2\text{Te}_6$  94 (1991) 127
- Caspary, R., see K. Fraas 108 (1992) 220
- Castaing, J.C., see B. Gillon 104–107 (1992) 583
- Castro, C., see F. Palacio 104–107 (1992) 2101
- Castro, M., R. Burriel, A. Salinas-Sánchez and R. Sáez-Puche, Heat-capacity measurement of  $\text{R}_2\text{BaNiO}_5$  ( $\text{R} = \text{Y, Ho, Er}$ ) oxides 104–107 (1992) 619
- Castro, M., see R. Burriel 104–107 (1992) 627
- Castro, S., see J. Rivas 101 (1991) 405
- Cates, J.C., see J.O. Artman 104–107 (1992) 977
- Caudron, R. and I. Mirebeau, Paramagnetic critical scattering by a dilute incommensurate antiferromagnet  $\bar{\text{Y}}\text{Er}$  104–107 (1992) 287
- Causa, M.T., M. Tovar, X. Obradors, A. Labarta and J. Tejada, Electron spin resonance in the spin-glass-like system  $\text{Fe}_{1-x}\text{Ga}_x\text{SbO}_4$  104–107 (1992) 1649
- Cavalcanti, S.B., see M.L. Lyra 104–107 (1992) 587
- Cavallotti, P., B. Bozzini, R. Cecchini, G.F. Bava, H.A. Davies and C. Hoggarth, Corrosion and protection of NdFeB type magnets 104–107 (1992) 1216
- Cavallotti, P.L., M. Alberti, B. Bozzini, A. Iudica, L. Nobili and P.M. Ossi, Statistical thermodynamics of ordering in ferromagnets 104–107 (1992) 905
- Cebollada, A., see J.J. De Miguel 93 (1991) 1
- Cebollada, A., see J.L. Martínez 93 (1991) 89
- Cebollada, A., R. Miranda, C.M. Schneider, P. Schuster and J. Kirschner, Experimental evidence of an oscillatory magnetic coupling in Co/Cu/Co epitaxial layers 102 (1991) 25
- Cebollada, F., J.M. Gonzalez, M. Vazquez, M. Aguilar, M. Pancorbo and E. Anguiano, Correlation between high field magnetization measurements and STM imaging of the atomic structure in amorphous  $\text{Co}_{100-x}\text{P}_x$  101 (1991) 199
- Cebollada, F., see J.M. González 101 (1991) 397
- Cebollada, F., see M.T. Clavaguera-Mora 104–107 (1992) 1141
- Cebollada, F., see J.M. Gonzalez 104–107 (1992) 1179
- Cecchetti, A., see G. Buttino 97 (1991) 135
- Cecchetti, A., see G. Bottoni 104–107 (1992) 961
- Cecchetti, A., see G. Bottoni 104–107 (1992) 975
- Cecchini, R., see P. Cavallotti 104–107 (1992) 1216
- Celinski, Z., see B. Heinrich 93 (1991) 75
- Celinski, Z., see W.B. Muir 93 (1991) 229
- Celinski, Z., see J.A.C. Bland 93 (1991) 331
- Celinski, Z. and B. Heinrich, Exchange coupling in Fe/Cu, Pd, Ag, Au/Fe trilayers (*Letter to the Editor*) 99 (1991) L25
- Celinski, Z., see Q.M. Zhong 104–107 (1992) 1837
- Celinski, Z., see J.A.C. Bland 104–107 (1992) 1909
- Celotta, R.J., see M.R. Scheinfein 93 (1991) 109
- Cerdonio, M., see G. Durin 101 (1991) 89
- Cerdonio, M., P. Falferi, R. Macchietto, G.A. Prodi and S. Vitale, Low frequency behaviour of soft ferromagnets at liquid helium temperature 101 (1991) 92
- Chaboy, J., J. Garcia and A. Marcelli, Correlation between mixed valence behaviour of cerium and the magnetic and superconducting phenomena of  $\text{CeFe}_2$  and  $\text{CeRu}_2$  104–107 (1992) 661
- Chaboy, J., J. Garcia, A. Marcelli, O. Isnard, S. Miraglia and D. Fruchart, Detection of hydrogen-induced effects in  $\text{Ce}_2\text{Fe}_{14}\text{BH}_x$  and  $\text{Ce}_2\text{Fe}_{17}\text{H}_x$  permanent magnets by  $\text{L}_{\text{III}}$  absorption edge of cerium 104–107 (1992) 1171
- Chaddha, G.S., Heisenberg ferromagnet above  $T_c$ : magnetization and susceptibility studies 109 (1992) 359
- Chafik El Idrissi, B., see G. Venturini 94 (1991) 35
- Chaiken, A., see C.M. Williams 110 (1992) 61
- Chakravorty, D., see P. Brahma 102 (1991) 109
- Chakravorty, D., see P. Brahma 103 (1992) 174
- Challeton, D., see J. Mouchot 101 (1991) 239
- Chamberlain, R.V., see G.C. DeFotis 104–107 (1992) 187
- Chamberlain, R.V., see E.W. Harlan 104–107 (1992) 189
- Chamberlain, R.V., see G.C. DeFotis 104–107 (1992) 1603
- Chambers, A., see A.Z. Maksymowicz 94 (1991) 109
- Chame, A. and N.S. Branco, Magnetization of the Ising model on the Sierpinski pastry-shell 104–107 (1992) 211
- Chana, K.S., J.H. Samson, M.U. Luchini and V. Heine, Magnetic short-range order in iron above  $T_C$ ? Statistical mechanics with many-atom interactions 104–107 (1992) 743
- Chandra, G., see S. Prasad 92 (1990) 92



- Chandra, G., see A.K. Nigam 102 (1991) 297
- Chandra, G., see V. Srinivas 104–107 (1992) 2121
- Chandra, G., see S. Radha 110 (1992) 103
- Chandramouli, M., see C. Koestler 110 (1992) 264
- Chang, C.-A., Angular dependence of the in-plane magnetization of (100) Cu/Ni/Cu structures (*Letter to the Editor*) 92 (1990) L1
- Chang, C.-A., Structure and magnetization of (100)FeCr and FeV films deposited on Pd/Cu/Si(100) (*Letter to the Editor*) 95 (1991) L137
- Chang, C.-A., Reversed magnetic anisotropy of (100) Pd/Ni/Pd and Pd/NiPd/Pd structures: effects of changing lattice mismatch (*Letter to the Editor*) 96 (1991) L1
- Chang, C.-A., Absence of reversed magnetic anisotropy in (111) Cu/Ni/Cu structures (*Letter to the Editor*) 96 (1991) L7
- Chang, C.-A., Reversal in magnetic anisotropy of (100)Cu–Ni superlattices 97 (1991) 102
- Chang, C.-A., Magnetization of ultrathin (100) Co films deposited on Cu/Si(100) 109 (1992) 243
- Chang, C.-R. and J.P. Shyu, Interaction energy among pores within porous particles 104–107 (1992) 1543
- Chang, L.L., see S. von Molnár 93 (1991) 356
- Chang, W.C., H. Nakamura, C.R. Paik, S. Sugimoto, M. Okada and M. Homma, The effect of additional elements on the magnetic properties of hot-rolled Nd–Fe–B alloys 109 (1992) 103
- Chang, Y.H., see S.W. Yung 98 (1991) 341
- Chantrell, R.W., see M.D. Clarke 95 (1991) 17
- Chantrell, R.W., see P.I. Mayo 95 (1991) 109
- Chantrell, R.W., Magnetic viscosity of recording media 95 (1991) 365
- Chantrell, R.W., see Th. Orth 101 (1991) 235
- Chantrell, R.W., see S.R. Hoon 104–107 (1992) 967
- Chantrell, R.W., see G.J. Tomka 104–107 (1992) 1147
- Chantrell, R.W., see B. Dean 104–107 (1992) 1547
- Chantrell, R.W., see P.R. Bissell 104–107 (1992) 1551
- Chantrell, R.W., see M. El-Hilo 104–107 (1992) 1580
- Chantrell, R.W., see M. El-Hilo 109 (1992) L164
- Chaplin, D.H., see P.W. Thompson 104–107 (1992) 1503
- Chaplin, D.H., see T.J. McKenna 104–107 (1992) 1505
- Chapman, J.N., see S.J. Hefferman 95 (1991) 76
- Chapman, J.N., see J. Zweck 104–107 (1992) 315
- Chapman, J.N., see H.Y. Wong 104–107 (1992) 329
- Chapman, J.N., see M. Labruné 104–107 (1992) 343
- Chappert, C., P. Beauvillain, P. Bruno, J.P. Chaumeyneau, M. Galtier, K. Le Dang, C. Marlière, R. Mégy, D. Renard, J.P. Renard J. Seiden, F. Triqui, P. Veillet and E. Vélú, Magnetization, coercive forces and magnetoresistance in simple and double Co films with perpendicular magnetization (*Invited paper*) 93 (1991) 319
- Chappert, C., see P. Bruno 93 (1991) 605
- Chappert, C., see F. Giron 104–107 (1992) 1887
- Charles, S.W., see S. Mørup 104–107 (1992) 1563
- Chaskar, M.G., see A.K. Nikumbh 97 (1991) 119
- Chateigner, D., see M. Tovar 104–107 (1992) 549
- Chattopadhyay, T., see H. Fjellvåg 92 (1990) 75
- Chattopadhyay, T., P.J. Brown, A.A. Stepanov, A.I. Zvyagin, S.N. Barilo and D.I. Zhigunov, Antiferromagnetic ordering in  $\text{Gd}_2\text{CuO}_4$  104–107 (1992) 607
- Chattopadhyay, T., G. Grübel, J.D. Axe and D. Gibbs, X-ray resonance magnetic scattering in  $\text{EuAs}_3$  104–107 (1992) 1213
- Chaudouet, P., see H. Vincent 101 (1991) 170
- Chaumeyneau, J.P., see C. Chappert 93 (1991) 319
- Chebotaev, N.M., see T.I. Arbutova 95 (1991) 168
- Chen, C.T., see P. Rudolf 109 (1992) 109
- Chen, C.T., see L.H. Tjeng 109 (1992) 288
- Chen, G.M., see J.-z. Liang 102 (1991) 217
- Chen, J.C., see T. Kaneyoshi 98 (1991) 201
- Chen, Q., R. Tourbot and B. Boucher, Bulk magnetic behaviour of amorphous  $\text{RE}_{0.67}\text{Zr}_{0.33}$  (RE = Tb, Gd) alloys 110 (1992) 139
- Chen, S.K., S. Jin, G.W. Kammlott, T.H. Tiefel, D.W. Johnson Jr. and E.M. Gyorgy, Synthesis and magnetic properties of  $\text{Fe}_4\text{N}$  and (Fe, Ni)<sub>4</sub>N sheets 110 (1992) 65
- Chen, T.P., see S.J. Tzeng 104–107 (1992) 889
- Chen, T.P., see S.U. Jen 109 (1992) 91
- Chen, X., L.X. Liao, Z. Altounian, D.H. Ryan and J.O. Ström-Olsen, Temperature dependence of magnetocrystalline anisotropy of  $\text{Sm}_2\text{Fe}_{17}\text{C}_2$  109 (1992) 271
- Chen, Y., see Z. Hu 104–107 (1992) 1583
- Chen, Y., J.M. Florczak and E. Dan Dahlberg, Comparison of spin valve effect and anisotropic magnetoresistance in Co/Cu multilayer films 104–107 (1992) 1907
- Chen, Y.Y., see S.J. Tzeng 104–107 (1992) 889
- Chenavas, J., see M. Tovar 104–107 (1992) 549
- Chenevier, B., see C. Rillo 104–107 (1992) 1995
- Cheng, S.F., see H. Ido 104–107 (1992) 1361
- Cheng, S.F., see A.E. Clark 104–107 (1992) 1433
- Chennaoui, A., see W. Palme 104–107 (1992) 805
- Cheremissinov, V.M., see V.A. Virkovsky 95 (1991) 379
- Cherifi, K., C. Dufour, M. Piecuch, A. Bruson, Ph. Bauer, G. Marchal and Ph. Mangin, Interface and magnetic anisotropy in Tb/Fe multilayers 93 (1991) 609

- Cherifi, K., C. Dufour, G. Marchal, Ph. Mangin and J. Hubsch, Magnetic structure of Gd/Fe multilayers 104–107 (1992) 1833
- Chetkin, M.V., see S.O. Demokritov 102 (1991) 339
- Chetkin, M.V. and V.V. Lykov, Nonlinear waves of magnetization in iron borate 103 (1992) 325
- Chetkin, M.V., see S.O. Demokritov 104–107 (1992) 663
- Chetverikov, A.V., see K.B. Vlasov 94 (1991) 96
- Chevalier, B., see T. Berlureau 102 (1991) 166
- Chevalier, B., see R.P. Pinto 104–107 (1992) 1235
- Chevalier, B., see P. Burlet 108 (1992) 202
- Chiba, M., Y. Ajiro, H. Kikuchi, T. Kubo and T. Morimoto, Anomalous staggered transverse moment in Haldane-gap antiferromagnet NENP under magnetic fields 104–107 (1992) 807
- Chien, A.C.L., see A. Gavrin 104–107 (1992) 1351
- Chien, C.J., R.F.C. Farrow, C.H. Lee, C.J. Lin and E.E. Marinero, High-resolution transmission electron microscopy studies of seeded epitaxial Co/Pt superlattices 93 (1991) 47
- Chien, C.J., see C.J. Lin 93 (1991) 194
- Chien, C.J., see C.H. Lee 93 (1991) 592
- Chien, C.L., see J.R. Childress 104–107 (1992) 1585
- Chikazumi, S., see S. Itoh 103 (1992) 126
- Childress, J.R., see A. Gavrin 104–107 (1992) 1351
- Childress, J.R., C.L. Chien, J.J. Rhyne and R.W. Erwin, Small-angle neutron scattering of nanometer-size magnetic particles 104–107 (1992) 1585
- Chistykov, O.D., see S.A. Nikitin 96 (1991) 26
- Choi, S.D., see C.J. Yang 96 (1991) 60
- Chougule, B.K., see S.H. Patil 110 (1992) 147
- Chourio, M., see L. Betancourt 101 (1991) 162
- Chouteau, G., see P. Pernot 104–107 (1992) 853
- Christiansen, G., see S. Mørup 104–107 (1992) 1793
- Christides, C., see X.C. Kou 104–107 (1992) 1341
- Christoph, V. and K.-H. Müller, Calculation of magnetization curves of permanent magnet materials (*Invited paper*) 101 (1991) 323
- Christoph, V., K. Elk, L. Jahn and K.-H. Müller, Influence of internal field fluctuations on the hysteresis loops of permanent magnets 104–107 (1992) 1121
- Chroboczek, J.A., see S. Auffret 104–107 (1992) 1209
- Chuang, Y.C., see Z.-d. Zhang 92 (1990) 191
- Chuang, Y.C., see X.K. Sun 96 (1991) 197
- Chuang, Y.C., see Z.-w. Zhang 96 (1991) 206
- Chuang, Y.C., see Z.-g. Zhao 96 (1991) 211
- Chuang, Y.C., see Z.-d. Zhang 96 (1991) 215
- Chuang, Y.C., see Z.-d. Zhang 96 (1991) 219
- Chuang, Y.C., see Z.-g. Zhao 97 (1991) 79
- Chuang, Y.C., see Z.-g. Zhao 98 (1991) 1231
- Chuang, Y.C., see Z.-G. Zhao 104–107 (1992) 1287
- Chuang, Y.C., see Z.-G. Zhao 104–107 (1992) 1289
- Chuang, Y.C., see T. Zhao 104–107 (1992) 2119
- Chuang, Y.C., see Q. Wang 109 (1992) 59
- Chudnovsky, E.M., Reply to the comments on “dependence of the magnetization law on structural disorder in amorphous ferromagnets” by V.A. Ignatchenko and R.S. Iskhakov 92 (1990) 267
- Chung, R., R. Weber and D.C. Jiles, Highly magnetostrictive rare earth-iron intermetallic compound for a magnetostrictive laser diode magnetometer 104–107 (1992) 1455
- Cibin, R., D. Jaccard and J. Sierro, Transport properties of  $\text{Ce}_x\text{La}_{1-x}\text{Al}_3$  108 (1992) 107
- Ciomartan, D., see C. Carboni 104–107 (1992) 939
- Ciurzyńska, W., see J. Zbroszczyk 109 (1992) 221
- Clad, R., R. Kuentzler, M. Migschitz and W. Pfeiler, dependence of spin-glass behaviour on atomic short-range order 104–107 (1992) 1593
- Clad, R., see R. Kuentzler 104–107 (1992) 1976
- Clark, A.E., S.F. Cheng, J.P. Teter, M. Wun-Fogle, M.Q. Huang and Y. Zheng, Effect of nitrogenation on the magnetostriction of  $\text{Y}_2\text{Fe}_{17}$ ,  $\text{Pr}_2\text{Fe}_{17}$  and  $\text{Nd}_2\text{Fe}_{17}$  104–107 (1992) 1433
- Clark, W.G., C. Berthier, Y. Berthier, P. Butaud, J.Y. Henry, M. Horvatić and P. Ségransan,  $^{17}\text{O}$  and  $^{63}\text{Cu}$  NMR study of anisotropic magnetic fluctuations in a single crystal of  $\text{YBa}_2\text{Cu}_3\text{O}_{6+x}$ : comparison with neutron diffraction 104–107 (1992) 589
- Clark, W.G., see W.H. Wong 108 (1992) 175
- Clark, W.G., see D.P. Yang 109 (1992) 1
- Clarke, M.D., P.R. Bissell, R.W. Chantrell and R. Gilson, Experimental studies of particulate recording media noise 95 (1991) 17
- Clarke, R., F.J. Lamelas, H.D. Hui, F. Baudalet, E. Dartyge and A. Fontaine, X-ray scattering and absorption studies of epitaxial strains in Co–Au superlattices 93 (1991) 53
- Clarke, S.J., see A. Harrison 104–107 (1992) 557
- Clausen, K.N., see H.M. Mayer 97 (1991) 210
- Clausen, K.N., see T.E. Mason 104–107 (1992) 197
- Clausen, K.N., see H.M. Mayer 104–107 (1992) 1295
- Clavaguera-Mora, M.T., M.D. Baro, S. Suriñach, J.A. Diego, J.M. Gonzalez and F. Cebollada, Hysteretic behaviour of melt-spun  $\text{Nd}_{13}\text{Fe}_{79}\text{B}_8$  after different crystallization treatments 104–107 (1992) 1141

- Clegg, W.W., N.A.E. Heyes, E.W. Hill and C.D. Wright, Development of a scanning laser microscope for magneto-optic studies of thin magnetic films 95 (1991) 49
- Clegg, W.W., see B. Liu 101 (1991) 245
- Clin, M., see P. Thuéry 109 (1992) 197
- Clinton, T.W., J.W. Lynn, J.Z. Liu, Y.X. Jia and R.N. Shelton, Two-dimensional magnetic correlations and magnetic ordering of Dy and Er in  $\text{DyBa}_2\text{Cu}_3\text{O}_7$  and  $\text{ErBa}_2\text{Cu}_3\text{O}_7$  104–107 (1992) 625
- Cochran, J.F., see B. Heinrich 93 (1991) 75
- Cochran, J.F., see W.B. Muir 93 (1991) 229
- Cochran, J.F., see V. Kamberský 104–107 (1992) 2089
- Cockcroft, J.K., see R.K. Kremer 104–107 (1992) 959
- Codjovi, E., P. Bergerat, K. Nakatani, Yu. Pei and O. Kahn, Molecular-based magnets studied with an ultrasensitive SQUID magnetometer 104–107 (1992) 2103
- Coehoorn, R., see K.H.J. Buschow 92 (1990) L35
- Coehoorn, R., see M.W. Dirken 94 (1991) L15
- Coehoorn, R., see W. Coene 96 (1991) 189
- Coehoorn, R., First principles band structure calculations for rare earth-transition metal compounds: magnetization, hyperfine parameters and magnetocrystalline anisotropy (*Topical review: E.P. Wohlfarth lecture*) 99 (1991) 55
- Coehoorn, R. and G.H.O. Daalderop, Magnetocrystalline anisotropy in new magnetic materials 104–107 (1992) 1081
- Coene, W., F. Hakkens, R. Coehoorn, D.B. de Mooij, C. de Waard, J. Fidler and R. Grössinger, Magnetocrystalline anisotropy of  $\text{Fe}_3\text{B}$ ,  $\text{Fe}_2\text{B}$  and  $\text{Fe}_{1.4}\text{Co}_{0.6}\text{B}$  as studied by Lorentz electron microscopy, singular point detection and magnetization measurements 96 (1991) 189
- Coe, J.M.D., H. Sun, Y. Otani and D.P.F. Hurley, Gas-phase carbonation of  $\text{R}_2\text{Fe}_{17}$ ;  $\text{R} = \text{Y}, \text{Sm}$  98 (1991) 76
- Coe, J.M.D., see D.P.F. Hurley 99 (1991) 229
- Coe, J.M.D., Hong Sun and D.P.F. Hurley, Intrinsic magnetic properties of new rare-earth iron intermetallic series (*Invited paper*) 101 (1991) 310
- Coe, J.M.D. and D.P.F. Hurley, New interstitial rare-earth iron intermetallics produced by gas phase reaction 104–107 (1992) 1098
- Coe, J.M.D., see C.D. Meekison 104–107 (1992) 1161
- Coe, J.M.D., see H. Sun 104–107 (1992) 1439
- Coe, J.M.D., see H.-S. Li 104–107 (1992) 1444
- Coles, B.R., see S.B. Roy 97 (1991) 291
- Coles, B.R., see S.B. Roy 108 (1992) 43
- Colino, J., see M.C. Contreras 93 (1991) 233
- Collins, M.F., see T.E. Mason 104–107 (1992) 197
- Collins, M.F., see H. Lin 104–107 (1992) 1511
- Collomb, A., see J. Muller 102 (1991) 305
- Collomb, A., see J. Muller 103 (1992) 194
- Colombet, P., see C. Payen 104–107 (1992) 797
- Colombo, E., O. Donzelli, G.B. Fratu-cello and F. Ronconi, The Ni- $\gamma$ -Fe interface: hyperfine magnetic field and magnetic anisotropy 93 (1991) 597
- Colombo, E., O. Donzelli, G.B. Fratu-cello and F. Ronconi, Static magnetization direction in fcc (111) Fe/Ni multilayers 104–107 (1992) 1857
- Colpa, J.H.P., Dipole-dipole anisotropy in  $\text{Y}_2\text{Co}_{17}$  and  $\text{Gd}_2\text{Co}_{17}$  104–107 (1992) 1211
- Colton, R.J., see R.A. Brizzolara 103 (1992) 111
- Conover, M.J., M.B. Brodsky, J.E. Mattson, C.H. Sowers and S.D. Bader, Magnetothermopower of Fe/Cr superlattices (*Letter to the Editor*) 102 (1991) L5
- Continentino, M.A., see G.M. Japiassu 104–107 (1992) 1945
- Continenza, A. and P. Monachesi, Electronic properties of isostructural intermetallics of Ce 104–107 (1992) 1308
- Contreras, M.C., J. Colino, J.M. Alameda, A.R. Lagunas, M. Rodriguez, M. Fernandez and A. Lienard, The effects of oxidation on the magneto-optical properties in amorphous  $\text{Ni}_x\text{Y}_{1-x}$  and  $\text{Co}_x\text{Y}_{1-x}$  films 93 (1991) 233
- Cooke, J.F., see J.A. Blackman 104–107 (1992) 721
- Cooper, B.R., Q.G. Sheng, S.P. Lim, C. Sanchez-Castro, N. Kioussis and J.M. Wills, Moment washout and the onset to the heavy fermion state 108 (1992) 10
- Coqblin, B., see E. Bauer 108 (1992) 159
- Coqblin, B., see G. Ortiz 108 (1992) 179
- Coquillat, D., see J.P. Lascaray 104–107 (1992) 995
- Coronado, E., see J.J. Borrás-Almenar 104–107 (1992) 835
- Coronado, E., see F. Sapiña 104–107 (1992) 837
- Coronado, E., see J.J. Borrás-Almenar 104–107 (1992) 955
- Corradi, A.R., see G. Bottoni 104–107 (1992) 961
- Cosman, E.C., see S.T. Purcell 93 (1991) 25
- Costa, M.M.R., see J.G. Booth 104–107 (1992) 735
- Costi, T.A. and A.C. Hewson, Photoemission spectrum of the Anderson model with conduction electron screening 108 (1992) 129
- Cottam, M.G., see D.J. Lockwood 104–107 (1992) 1053
- Couderchon, G., Magnetic alloys with vanishing anisotropies 96 (1991) 47
- Coulomb, J.-L., see S. Pelissier 101 (1991) 335
- Coutinho-Filho, M.D., see M.M. Leite 104–107 (1992) 181



- Coutinho-Filho, M.D., see A.M.S. Macêdo 104–107 (1992) 679
- Cowen, J.A., see J. Mattsson 104–107 (1992)1619
- Cowen, J.A., see J. Mattsson 104–107 (1992)1621
- Cowen, J.A., see J. Mattsson 104–107 (1992)1623
- Cowlam, N., see R.A. Cowley 104–107 (1992) 159
- Cowley, R.A., N. Cowlam, P.K. Ivison and J. Martinez, The structure of Fe–Ni amorphous alloys 104–107 (1992) 159
- Cowley, R.A., see S.E. Nagler 104–107 (1992) 847
- Cowley, R.A., see D.A. Jehan 104–107 (1992)1523
- Cox, S.F.J., see L. Albanese 104–107 (1992) 509
- Crabtree, G.W., see H. Aoki 97 (1991) 169
- Crespo, P., see M.J. Bernal 104–107 (1992)1090
- Crespo, P., see J.M. Gonzalez 104–107 (1992)1179
- Creuzet, G., see F. Petroff 93 (1991) 95
- Croat, J.J., see J.F. Herbst 100 (1991) 57
- Crow, J.E., see S. Rahman 97 (1991) 223
- Crow, J.E., see T. Yuen 109 (1992) 98
- Cruz Filho, S.P., M. Knobel, J.P. Sinnecker, R. Sato Turtelli and M. Vázquez, Disaccommodation measurements in amorphous wires 104–107 (1992) 105
- Cubitt, R., see D.McK. Paul 104–107 (1992) 591
- Cuccoli, A., V. Tognetti, R. Vaia and P. Verrucchi, Quantum thermodynamics of easy-plane ferromagnetic chains 104–107 (1992) 785
- Cueto, S., P. Rys, F.S. Rys, R. Sanjinez and H.P. Straumann, Electrical and magnetic properties of new copper arylcarboxylates 104–107 (1992)1096
- Cugat, O., D. Givord, J.P. Rebouillat and Y. Souche, Transverse Kerr effect in amorphous thin film R–Co alloys 104–107 (1992) 397
- Cui, F.Z., see Y. Wang 102 (1991) 121
- Cui, H.J., see J.P. Kuang 104–107 (1992)1475
- Cullen, J., see A. Del Moral 104–107 (1992) 243
- Cullen, J.R., see K.B. Hathaway 104–107 (1992)1840
- Culverhouse, S.R., B.D. Rainford and D.McK. Paul, Intermediate valence to local moment transition in Ce–Pd<sub>3</sub>B<sub>x</sub> alloys 108 (1992) 121
- Cyrot, M., see J. Beille 104–107 (1992) 532
- Cywinski, R., see R.I. Bewley 104–107 (1992) 133
- Cywinski, R., see J.L. García-Muñoz 104–107 (1992) 555
- Cywinski, R., see B.D. Rainford 104–107 (1992)1257
- Cywinski, R., see S. Mondal 104–107 (1992)1421
- Cywinski, R. and B.D. Rainford, Muon spin rotation in DyMn<sub>2</sub> and TbMn<sub>2</sub> 104–107 (1992)1424
- Cywinski, R., see C. Ritter 104–107 (1992)1427
- Cywinski, R., see S.H. Kilcoyne 104–107 (1992)1959
- Czarnecki, P., B. Idzikowski and A. Wrzeciono, Transport properties of R<sub>x</sub>Co<sub>70–x</sub>B<sub>30</sub> and R<sub>x</sub>Fe<sub>80–x</sub>B<sub>20</sub> amorphous alloys 101 (1991) 32
- Czycholl, G., see H. Schweitzer 108 (1992) 150
- Da Cunha, S.F., see L.C. Sampaio 99 (1991) 145
- Da Silva, X.A., see L. Iannarella 102 (1991) 87
- Daalderop, G.H.O., P.J. Kelly and M.F.H. Schuurmans, Magnetocrystalline anisotropy of RECo<sub>5</sub> compounds 104–107 (1992) 737
- Daalderop, G.H.O., see R. Coehoorn 104–107 (1992)1081
- Da Costa Jr., M.I., see J.C.P. De Oliveira 98 (1991) 239
- Dahlbeck, R., see H. Krause 95 (1991) 95
- Dahlbeck, R., see B.S. Han 104–107 (1992) 305
- Dahlberg, E.D., see J.M. Florczak 104–107 (1992) 399
- Dahlberg, E.D., see Y. Chen 104–107 (1992)1907
- Dahlberg, E.D., see R. Proksch 104–107 (1992)2123
- Dai, C., see R.-Y. Fang 104–107 (1992)1031
- Dai, D.-S., see C.-B. Peng 92 (1991) 353
- Dai, D.-S., see R.-Y. Fang 104–107 (1992)1031
- Dai, D.s., see C.b. Peng 110 (1992) 113
- Dakin, S., see B.D. Rainford 104–107 (1992)1257
- Dakin, S., G. Rapson and B.D. Rainford, Magnetic ground states of CeRu<sub>2</sub>Si<sub>2–x</sub>Ge<sub>x</sub> alloys 108 (1992) 117
- Dakin, S., see B.D. Rainford 108 (1992) 119
- D’Albuquerque e Castro, J., D.M. Edwards, J. Mathon and R.B. Muniz, Exchange stiffness constant of two-dimensional Ni and Fe 93 (1991) 295
- D’Albuquerque e Castro, J., see M.V. Tovar Costa 104–107 (1992)1913
- Dalmas de Réotier, P., A. Yaouanc, P.C.M. Gubbens, D. Gignoux, B. Gorges, D. Schmitt, O. Hartmann, R. Wäppling and A. Weidinger, Effect of the Tb<sup>3+</sup> crystal field on the positive muon precession frequency in TbNi<sub>5</sub> 104–107 (1992)1267
- Dalmas de Réotier, P., see P.C.M. Gubbens 104–107 (1992)1269
- Damento, M., see A.K. Gangopadhyay 103 (1992) 267
- Dang, M.-Z., see Z.-W. Zhang 92 (1990) 196
- Danilova, N.P., see L. Taillefer 108 (1992) 138
- Darriet, J., see A. le Lirzin 109 (1992) 47
- Dartyge, E., see R. Clarke 93 (1991) 53
- Dartyge, E., see F. Baudelet 93 (1991) 539
- Dartyge, E., see F. Baudelet 104–107 (1992)1418
- Das, B.N., see N.C. Koon 100 (1991) 173
- Das, I., E.V. Sampathkumaran and R. Vijayaraghavan, Electrical resistance anomalies in the antiferromagnetic state of ternary Pr compounds 104–107 (1992) 874
- Das, I., E.V. Sampathkumaran, E. Bauer and N. Pillmayr, Incoherent Kondo lattice behaviour in CeCu<sub>3</sub> Ga<sub>2</sub> 108 (1992) 82
- Das, I., see E.V. Sampathkumaran 108 (1992) 85
- Date, A.M., see N. Iwata 104–107 (1992) 27
- Date, M., see R.J. Radwański 101 (1991) 392

- Date, M., see K. Kindo 104–107 (1992) 811  
 Date, M., see T. Takeuchi 104–107 (1992) 813  
 Date, M., see H. Hori 104–107 (1992) 815  
 Date, M., see R.J. Radwański 104–107 (1992) 1139  
 Date, M., see K. Sugiyama 104–107 (1992) 1223  
 Date, M., Recent progress in high-field magnetism 104–107 (1992) 2105  
 Date, M., see A. Yamagishi 108 (1992) 211  
 Davies, H.A., see A. Manaf 101 (1991) 360  
 Davies, H.A., see A. Manaf 104–107 (1992) 1145  
 Davies, H.A., see P. Cavallotti 104–107 (1992) 1216  
 Davies, K.J., see A.D. Beale 104–107 (1992) 365  
 Dawson, S.J., J.F. Gregg, J.S. Lord, M.R. Wells and W.P. Wolf, 'Onion skin' domains in a relaxing metastable antiferromagnet 104–107 (1992) 373  
 Day, I.E., see M.R.J. Gibbs 104–107 (1992) 327  
 Day, R.K., see M. Ghafari 104–107 (1992) 1668  
 De Albuquerque, D.F., see I.P. Fittipaldi 104–107 (1992) 236  
 De Almeida, J.R.L., see E. Montarroyos 104–107 (1992) 149  
 De Almeida, R.M.C., see J.J. Arenzon 104–107 (1992) 1652  
 De Andres, A., see M. Maurer 93 (1991) 15  
 De Arcangelis, L., see I.A. Campbell 104–107 (1992) 1671  
 De Biasi, R.S. and S.M.V. Araujo, Influence of the annealing parameters on the volume fraction of the high- $T_c$  phase in the Bi–Sr–Ca–Cu–O system 104–107 (1992) 471  
 De Boer, F.R., see X.P. Zhong 92 (1990) 46  
 De Boer, F.R., see Z.-w. Zhang 96 (1991) 206  
 De Boer, F.R., see Z.-d. Zhang 96 (1991) 215  
 De Boer, F.R., see Z.-d. Zhang 96 (1991) 219  
 De Boer, F.R., see Z.-g. Zhao 97 (1991) 79  
 De Boer, F.R., see R.A. Robinson 98 (1991) 147  
 De Boer, F.R., see J.P. Liu 98 (1991) 291  
 De Boer, F.R., P. Kossacki, R. Puźniak, T. Stobiecki, H. Szymczak and X.P. Zhong, High field susceptibility of Co-based amorphous ferromagnets 101 (1991) 3  
 De Boer, F.R., see R.J. Radwański 101 (1991) 392  
 De Boer, F.R., see E. Brück 104–107 (1992) 17  
 De Boer, F.R., see L. Jirman 104–107 (1992) 19  
 De Boer, F.R., see H. Maletta 104–107 (1992) 21  
 De Boer, F.R., see L. Havela 104–107 (1992) 23  
 De Boer, F.R., J.C.P. Klaasse, P. Kossacki, H. Nakotte, R. Puźniak, A. Szewczyk, H. Szymczak and X.P. Zhong, High-field susceptibility and specific heat of Co-based amorphous ferromagnets 104–107 (1992) 113  
 De Boer, F.R., see R.J. Radwański 104–107 (1992) 1139  
 De Boer, F.R., see A. Szytuła 104–107 (1992) 1237  
 De Boer, F.R., see T.H. Jacobs 104–107 (1992) 1275  
 De Boer, F.R., see Z.-G. Zhao 104–107 (1992) 1287  
 De Boer, F.R., see A.V. Andreev 104–107 (1992) 1305  
 De Boer, F.R., see J.P. Kuang 104–107 (1992) 1475  
 De Boer, F.R., see T. Zhao 104–107 (1992) 2119  
 De Boer, F.R., see Q. Wang 109 (1992) 59  
 De Boer, F.R., see G.F. Zhou 109 (1992) 265  
 De Châtel, P.F., see E. Brück 104–107 (1992) 17  
 De Gasperis, P., see R. Marcelli 104–107 (1992) 436  
 De Gronckel, H.A.M., J.A.M. Bienert, F.J.A. den Broeder and W.J.M. de Jonge, Co/X multilayers, NMR study of microscopic structure and strain 93 (1991) 457  
 De Gronckel, H.A.M., B.M. Mertens, P.J.H. Bloemen, K. Kopinga and W.J.M. de Jonge, Interfaces and strain in multilayers probed by NMR 104–107 (1992) 1809  
 De Groot, P.A.J., see J.I. Arnaudas 101 (1991) 65  
 De Groot, P.A.J., see J.I. Arnaudas 104–107 (1992) 115  
 De Groot, P.A.J., see J.I. Arnaudas 104–107 (1992) 216  
 De Haan, P., see T. Katayama 104–107 (1992) 1002  
 De Jesus, J.C.O., see F.C. Montenegro 104–107 (1992) 277  
 De Jonge, W.J.M., see P.J.H. Bloemen 93 (1991) 105  
 De Jonge, W.J.M., see H.A.M. de Gronckel 93 (1991) 457  
 De Jonge, W.J.M. and H.J.M. Swagten, Magnetic properties of diluted magnetic semiconductors 100 (1991) 322  
 De Jonge, W.J.M., see H.W. van Kesteren 102 (1991) L9  
 De Jonge, W.J.M., see J.H.P.M. Emmen 104–107 (1992) 473  
 De Jonge, W.J.M., see T. Delica 104–107 (1992) 795  
 De Jonge, W.J.M., see P.J.T. Eggenkamp 104–107 (1992) 937  
 De Jonge, W.J.M., see H.J.M. Swagten 104–107 (1992) 989  
 De Jonge, W.J.M., see P.J.H. Bloemen 104–107 (1992) 1775  
 De Jonge, W.J.M., see H.A.M. de Gronckel 104–107 (1992) 1809  
 De Kozak, A., see J. Renaudin 92 (1991) 381  
 De la Fuente, C., see J.I. Arnaudas 104–107 (1992) 216  
 De Long, L.E., J.G. Huber and K.S. Bedell, Criteria for the occurrence of ferromagnetism and weak magnetic order in narrow-band metals 99 (1991) 171  
 De Melo, M.T., see J. Albino Aguiar 104–107 (1992) 547  
 De Miguel, J.J., A. Cebollada, J.M. Gallego, R. Miranda, C.M. Schneider, P. Schuster and J. Kirschner, Influence of the growth conditions on the magnetic properties of fcc cobalt films: from monolayers to superlattices (*Invited paper*) 93 (1991) 1  
 De Miguel, J.J., see J.L. Martínez 93 (1991) 89  
 De Mooij, D.B., see K.H.J. Buschow 92 (1990) L35  
 De Mooij, D.B., see W. Coene 96 (1991) 189  
 De Oliveira, P.M.C., see J.J. Arenzon 104–107 (1992) 1652  
 De Podesta, M., see N. Patrikios 108 (1992) 95

- De Renzi, R.,  $\mu$ SR and NMR measurements on high  $T_c$  oxides 104–107 (1992) 461
- De Renzi, R., see L. Albanese 104–107 (1992) 509
- De Rosa, L., A. Geri and G.M. Veca, Three-dimensional magnetic field analysis in an MHD device using a discrete element model 101 (1991) 283
- De Santis, M., see M. Maurer 93 (1991) 15
- De Visser, A. and J.J.M. Franse, Uranium-based heavy-fermion superconductors: an experimental survey 100 (1991) 204
- De Visser, A., J.J.M. Franse and J. Flouquet, Interplay and competition in heavy-fermion systems 108 (1992) 15
- De Visser, A., N.H. van Dijk, J.J.M. Franse, A. Lacerda, J. Flouquet, Z. Fisk and J.L. Smith, Absence of antiferromagnetic order in  $UBe_{13}$  108 (1992) 56
- De Visser, A., U. Wyder, D. Schmitt and M. Zerguine, Thermal expansion and magnetostriction of  $CePt_2Si_2$  108 (1992) 59
- De Visser, A., H.P. van der Meulen, B.J. Kors and J.J.M. Franse, Grüneisen parameter inversion in  $U(Pt, Pd)_3$  108 (1992) 61
- De Visser, A., see K. Bakker 108 (1992) 63
- De Visser, A., see K. Bakker 108 (1992) 65
- De Visser, A., see F. Marabelli 108 (1992) 79
- De Visser, A., see A.R. Ball 110 (1992) 337
- De Waard, C., see W. Coene 96 (1991) 189
- De Waard, K., see K.H.J. Buschow 92 (1990) L35
- De Wijn, H.W., see A.G. Schins 104–107 (1992) 931
- De Wijn, H.W., see M.L.J. Hollman 104–107 (1992) 1063
- De Wit, H.J., see F. Pierre 93 (1991) 131
- De Wit, H.J., see M. Rivoire 93 (1991) 489
- De Zuane, F., see D. Ajò 104–107 (1992) 1997
- Dean, B., see Th. Orth 101 (1991) 235
- Dean, B., see S.R. Hoon 104–107 (1992) 967
- Dean, B., R.W. Chantrell, A. Hart and D.A. Parker, Mathematical modelling of ferromagnetic resonance in a system of Stoner–Wohlfarth particles 104–107 (1992) 1547
- Debauche, M., see H.T. Diep 104–107 (1992) 184
- Deckers, I., see A. Mordijk 104–107 (1992) 2081
- Dederichs, P.H., R. Zeller, H. Akai and H. Ebert, Ab-initio calculations of the electronic structure of impurities and alloys of ferromagnetic transition metals 100 (1991) 241
- DeFotis, G.C., R.V. Chamberlain and W.R.A. Jarvis, Magnetic behavior and phase diagram of  $Co_{1-x}Mn_x(SCN)_2(CH_3OH)_2$  104–107 (1992) 187
- DeFotis, G.C., see E.W. Harlan 104–107 (1992) 189
- DeFotis, G.C., R.V. Chamberlain, W.R.A. Jarvis and D.J. Krovich, Magnetism and spin glass behavior of  $CoCl_2 \cdot H_2O$  104–107 (1992) 1603
- Degaugue, J., M. Fagot, J. Bras, D. Bouchara and Y. Gannac, Purity influence on the magnetic properties of Fe–6.5 wt% Si melt-spun ribbons 101 (1991) 114
- Degaugue, J., see J. Bras 101 (1991) 369
- Deguchi, H., see K. Yamagata 104–107 (1992) 803
- Deguchi, H., see K. Okuda 104–107 (1992) 817
- Deguchi, H., see K. Takeda 104–107 (1992) 901
- Dehesa, C., see P. Sánchez 104–107 (1992) 145
- Dekeyser, R. and G. Kamieniarz, Effective field methods with correlations in magnetic systems 104–107 (1992) 273
- Dekoster, J., see M. Maurer 93 (1991) 15
- Del Moral, A., see J.I. Arnaudas 101 (1991) 65
- Del Moral, A., see P.A. Algarabel 101 (1991) 111
- Del Moral, A., see J.I. Arnaudas 104–107 (1992) 115
- Del Moral, A., see J.I. Arnaudas 104–107 (1992) 216
- Del Moral, A., J. Schweizer, J.I. Arnaudas, M.B. Salamon, C. Ritter, E. Joven, P.M. Gehring, P.A. Algarabel and J. Cullen, Ferro-, quasi-ferro- and antiferromagnetic spin-glass orders in random anisotropy crystalline  $Dy_xY_{1-x}Al_2$  compounds 104–107 (1992) 243
- Del Moral, A., P.A. Algarabel, M.R. Ibarra, J.I. Arnaudas, J. Schweizer and C. Marquina, Domain walls and small angle neutron scattering in  $(Nd_xEr_{1-x})_2Fe_{14}B$  hard magnets 104–107 (1992) 1051
- Del Castillo-Mussot, M., D. Guenzburger and J.S. Helman, Competition between the  $Cr^{3+}$ – $Gd^{3+}$  direct exchange and superexchange in Cr doped  $GdAlO_3$  95 (1991) 154
- Delamare, J., D. Lemarchand and P. Vigier, Transmission electron microscopy study of the  $\mu$  phase in the Fe–Nd–Al system 104–107 (1992) 1092
- Delamare, J., see N. Amri 101 (1991) 352
- Delcroix, P., see J.-F. Bobo 93 (1991) 452
- Delica, T., W.J.M. de Jonge, K. Kopinga, H. Leschke and H. Mikeska, Static properties of  $CsNiF_3$ : numerical results, experimental data and soliton bearing models 104–107 (1992) 795
- Della Torre, E., C.M. Perlov and M. Pardavi-Horvath, Comparison of coercivity calculations with anisotropy and exchange wells in magneto-optic media 104–107 (1992) 303
- Demangeat, C., see A. Mokrani 93 (1991) 299
- Demangeat, C., see S. Bouarab 102 (1991) L233
- Demangeat, C., see A. Vega 104–107 (1992) 1687
- Demangeat, C., see S. Bouarab 104–107 (1992) 1765



- Demazeau, G., see S. Matar 101 (1991) 251
- Demazeau, G., see S.F. Matar 104–107 (1992) 1553
- Demazeau, G., see J.G.M. Armitage 104–107 (1992) 1935
- Demczyk, B.G., Structure and morphology of magnetron sputtered CoCr thin films 102 (1991) 238
- Demokritov, S., see A. Fuß 103 (1992) L221
- Demokritov, S., see P. Grünberg 104–107 (1992) 1734
- Demokritov, S.O., A.I. Kirilyuk, N.M. Kreines, V.I. Kudinov, V.B. Smirnov and M.V. Chetkin, Interaction of the moving domain wall with phonons 102 (1991) 339
- Demokritov, S.O., A.I. Kirilyuk, N.M. Kreines, V.I. Kudinov, V.B. Smirnov and M.V. Chetkin, Interaction between the moving domain wall and acoustic phonons 104–107 (1992) 663
- Den Broeder, F.J.A., see P.J.H. Bloemen 93 (1991) 105
- Den Broeder, F.J.A., see H.A.M. de Gronckel 93 (1991) 457
- Den Broeder, F.J.A., W. Hoving and P.J.H. Bloemen, Magnetic anisotropy of multilayers (*Invited paper*) 93 (1991) 562
- Den Broeder, F.J.A., see H.W. van Kesteren 102 (1991) L9
- Denholm, D.R., B.D. Rainford and T.J. Sluckin, Monte Carlo studies of random anisotropy magnets 104–107 (1992) 103
- De Oliveira, J.C.P., M.I. Da Costa Jr., W.H. Schreiner and A. Vasquez, Magnetic properties of some iron-poor natural olivines 98 (1991) 239
- Deportes, J., see O. Isnard 103 (1992) 157
- Deportes, J., see R. Ballou 104–107 (1992) 935
- Deportes, J., see P.J. Brown 104–107 (1992) 2083
- Deriu, A., see L. Peraldo Bicelli 94 (1991) 267
- Deriu, A., see R. Segnan 104–107 (1992) 1399
- Derkachenko, V.N., see S.N. Barilo 102 (1991) 30
- Derriche, O., L. Jorat, G. Noyel and J. Monin, Magneto dielectric response of a ferrofluid at low temperature 102 (1991) 255
- Deschanvres, J.L., M. Langlet, B. Bochu and J.C. Joubert, Growth of Bi-substituted YIG thin films for magneto-optic applications 101 (1991) 224
- Desert, A., see A.T. Abdalian 104–107 (1992) 1047
- Desvignes, J.M., see J. Gouzerh 101 (1991) 189
- Déville, J.P., see C. Boeglin 93 (1991) 31
- Déville, J.P., see F. Scheurer 93 (1991) 150
- Devine, M.K., see A.R. Eichmann 104–107 (1992) 375
- Devine, M.K., D.C. Jiles and S. Hariharan, Effects of cyclic stress on the magnetic hysteresis parameters of polycrystalline iron 104–107 (1992) 377
- Dhar, S.K., see K. Ikeda 100 (1991) 292
- Dhar, S.K., S.M. Pattalwar and R. Vijayaraghavan, Magnetic and thermal behavior of CeAlX (X = Si and Ge) compounds 104–107 (1992) 1303
- Dhez, P., see J.C. Malaurent 93 (1991) 164
- Di, G.Q., S. Iwata, S. Tsunashima and S. Uchiyama, Magneto-optical Kerr effects of MnBi and MnBiAl films 104–107 (1992) 1023
- Dianoux, A.J., see C. Bellouard 104–107 (1992) 517
- Diego, J.A., see M.T. Clavaguera-Mora 104–107 (1992) 1141
- Diehl, J., see C. Geibel 108 (1992) 209
- Dieny, B., see M. Maurer 93 (1991) 15
- Dieny, B., V.S. Speriosu, B.A. Gurney, S.S.P. Parkin, D.R. Wilhoit, K.P. Roche, S. Metin, D.T. Peterson and S. Nadimi, Spin-valve effect in soft ferromagnetic sandwiches 93 (1991) 101
- Dieny, B., D. Givord and J.M.B. Ndjaka, Original magnetization processes in the artificial ferrimagnet Y–Co/Gd–Co/Y–Co 93 (1991) 503
- Dieny, B., see J.M. Alameda 104–107 (1992) 1813
- Diep, H.T., M. Debauche and H. Giacomini, Reentrance and disorder solutions in exactly solvable Ising models 104–107 (1992) 184
- Diep, H.T., see D. Loison 104–107 (1992) 1689
- Dietzmann, G., see M. Schaefer 101 (1991) 95
- Dietzmann, G. and M. Schaefer, Rayleigh hysteresis with sinusoidal wave form of magnetic induction 110 (1992) 151
- Dillon Jr., J.F., Magneto-optics 100 (1991) 425
- Dimashko, Yu.A., see D.A. Yablonskii 99 (1991) 261
- Ding, J., see B.-g. Shen 92 (1990) 53
- Ding, J., see C.D. Meekison 104–107 (1992) 1161
- Ding, X.L., see J. Voigt 93 (1991) 341
- Dingley, D.J., see N.M. Jennett 93 (1991) 472
- Dinhut, J.F. and J.P. Eymery, Spin orientation in Fe and Fe–Co thin films 93 (1991) 252
- Dinia, A., K. Ounadjela, A. Arbaoui, G. Suran, D. Muller and P. Panisod, Perpendicular anisotropy in Co/Ru epitaxial superlattices 104–107 (1992) 1871
- Dinia, A., see D. Muller 104–107 (1992) 1873
- Dinia, A., see K. Ounadjela 104–107 (1992) 1896
- Dirken, M.W., R.C. Thiel, R. Coehoorn, T.H. Jacobs and K.H.J. Buschow,  $^{155}\text{Gd}$  Mössbauer effect study of  $\text{Gd}_2\text{Fe}_{17}\text{N}_x$  (*Letter to the Editor*) 94 (1991) L15
- Dirne, F.W.A., see F. Pierre 93 (1991) 131
- Dirne, F.W.A., see M. Rivoire 93 (1991) 489
- Diviš, M., see P.C.M. Gubbens 98 (1991) 141
- Divis, M., see H. Maletta 104–107 (1992) 21
- Divis, M., see T. Holubar 104–107 (1992) 479
- Divis, M., see P.C.M. Gubbens 104–107 (1992) 1283
- Diviš, M., see P. Svoboda 104–107 (1992) 1329

- Djega-Mariadassou, C., see I. Mirebeau 104–107 (1992)1560
- Djega-Mariadassou, C., see J.L. Dormann 104–107 (1992)1567
- Do, H.V., see C.J. Lin 93 (1991) 194
- Dobrzyński, L. and M.Th. Rekvelde, Three-dimensional neutron depolarization technique and some properties of  $\text{Co}_{45}\text{Ni}_{25}\text{-Fe}_5\text{Si}_{15}\text{B}_{10}$  amorphous alloy 94 (1991) 153
- Dobrzyński, L., see K. Szymański 99 (1991) 222
- Dohnomae, H., see T. Shinjo 93 (1991) 35
- Dohnomae, H., T. Shinjo and M. Motokawa, Analysis of magnetization process in Fe/GdFe multilayers 93 (1991) 477
- Dohnomae, H., see H. Yamamoto 99 (1991) 243
- Doi, K., see M. Doyama 93 (1991) 374
- Doi, K., see M. Nawate 104–107 (1992)1861
- Dolocan, V., L. Miu and Gh. Aldica, Superconductivity in  $\text{YBa}_2\text{Cu}_3\text{O}_{7-\delta}$  and  $(\text{BiPb})_2\text{Sr}_2\text{Ca}_2\text{Cu}_3\text{O}_x$  104–107 (1992) 609
- Domingues, P.H., E. Nunez and J.M. Neto, Mössbauer studies on high-temperature lithiated magnetite,  $\text{Li}_x\text{Fe}_3\text{O}_4$  96 (1991) 101
- Dong, Y.d., see G.m. Wang 97 (1991) 73
- Donnelly, D., see H. Ohta 104–107 (1992) 777
- Dönni, A., A. Furrer, P. Fischer, F. Hulliger and S.M. Hayden, Anisotropic exchange and spin dynamics in the type-II antiferromagnetic cerium monochalcogenide CeSe 104–107 (1992)1204
- D'Onofrio, L., see J. Lamazares 104–107 (1992) 997
- D'Onofrio, L., see P. Bellot 108 (1992) 141
- Donskaya, I.S., K. Durczewski, A.R. Kessel and J. Ulner, Phonon-induced indirect quadrupole–quadrupole and quadrupole–dipole interactions in a model tetragonal lattice 104–107 (1992) 883
- Donzelli, O., see E. Colombo 93 (1991) 597
- Donzelli, O., see E. Colombo 104–107 (1992)1857
- Donzelli, O., G.B. Fracucello, F. Ronconi, D. Fiorani and A.M. Testa, Magnetic properties of Fe/Ni multilayers grown on mylar 104–107 (1992)1859
- Dorantes-Davila, J., see A. Vega 104–107 (1992)1687
- D'Orazio, F., F. Giammaria and F. Lucari, Blocking process evidenced by magnetic circular dichroism on doped yttrium–iron garnets 104–107 (1992) 441
- Dorman, S.C., L.H. Bowen and S.B. Weed, Magnetic separation of synthetic goethites based on Al substitution:  $^{57}\text{Fe}$  Mössbauer analysis 98 (1991) 28
- Dorman, V.L., V.L. Sobolev and A.B. Shevchenko, Dynamics of domain wall containing a Bloch line 94 (1991) 293
- Dormann, E., see M. Bauer 104–107 (1992)1291
- Dormann, J.L., A. Belayachi and M. Nogues, Ferromagnetic scaling in randomly canted systems: critical exponents 104–107 (1992) 239
- Dormann, J.L., see M. Nogues 104–107 (1992) 415
- Dormann, J.L., see I. Mirebeau 104–107 (1992)1560
- Dormann, J.L., see L. Bessais 104–107 (1992)1565
- Dormann, J.L., C. Djega-Mariadassou and J. Jove, Magnetic structure of fine Fe particles included in an alumina matrix 104–107 (1992)1567
- Dormann, J.L., see M. Nogues 104–107 (1992)1641
- Dormann, J.L., see M. Nogues 104–107 (1992)1643
- Dorner, B., see H.M. Mayer 97 (1991) 210
- Dorner, B., see B. Schmid 104–107 (1992) 771
- Dorner, B., see H.M. Mayer 104–107 (1992)1295
- Dos Santos, C.A., see B. Rodmacq 104–107 (1992)1739
- Dos Santos, C.A., see B. Rodmacq 109 (1992) 298
- Dossmann, Y., see R. Kuentzler 104–107 (1992)1976
- Dötsch, H., see B. Lührmann 96 (1991) 237
- Dowben, P.A., see D.q. Li 99 (1991) 85
- Doyama, M., M. Matsui, H. Matsuoka, S. Mitani and K. Doi, Preparation and physical properties of fcc-iron and copper multilayers 93 (1991) 374
- Dragieva, I., see J. Nikolov 101 (1991) 137
- Dragieva, I.D., see D.R. Mehandjiev 101 (1991) 167
- Dražić, G., see S. Beseničar 104–107 (1992)1175
- Dreyse, H., see A. Mokrani 93 (1991) 299
- Dreyse, H., see S. Bouarab 102 (1991)1233
- Dreyssé, H., see A. Vega 104–107 (1992)1687
- Dreyssé, H., see S. Bouarab 104–107 (1992)1765
- Drillon, M., see J.L. Paillaud 96 (1991) 41
- Drittler, B., see H. Ebert 104–107 (1992) 733
- Drobac, Đ., see K. Zadro 104–107 (1992) 271
- Drofenik, M., see S. Beseničar 101 (1991) 307
- Drumheller, J.E., see P. Erhart 104–107 (1992) 487
- Drumheller, J.E., see T.E. Grigereit 104–107 (1992) 831
- Drumheller, J.E., see K. Ravindran 104–107 (1992) 833
- Drumheller, J.E., see T.E. Grigereit 104–107 (1992)1981
- Drye, T.J. and J.W. Tucker, The lifetime of excitations in a  $S = 1$  Heisenberg antiferromagnet due to spin–phonon coupling 104–107 (1992) 951
- Drzazga, Z., K. Białas-Borgiel and W. Borgiel, Effective magnetic anisotropy constant for B-substituted  $\text{RCo}_5$  ( $\text{R} = \text{Y, Gd}$ ) compounds 101 (1991) 399
- Drzazga, Z. and R. Szymczak, Anisotropic superconductivity observed for  $\text{Bi}_2\text{Sr}_2\text{CaCu}_2\text{O}_x$  single crystals by torque magnetometry 104–107 (1992) 605
- Drzazga, Z., E. Popiel and A. Winiarska, Magnetic properties of  $\text{Gd-Co}_{4-x}\text{Fe}_x\text{B}$  series studied by mag-

- netostatic and Mössbauer effect methods 104–107 (1992) 1437
- Du Plessis, P. de V., and T. Germishuys, Electrical resistivity of some  $\text{RCO}_3$  compounds 104–107 (1992) 1349
- Du Plessis, P. de V., Exchange magnetostriiction in Ho–Tb 104–107 (1992) 1509
- Du Plessis, P. de V., see A.M. Venter 104–107 (1992) 1517
- Du Tremolet de Lacheisserie, E., see F. Machizaud 92 (1990) 207
- Dubenko, I.S., see R. Ballou 110 (1992) 209
- Dubiel, S.M., see G. Le Caër 92 (1990) 251
- Dubiel, S.M., Substitution- and strain-induced changes in spin-density waves of chromium 104–107 (1992) 1999
- Duc, N.H., T.D. Hien, P.E. Brommer and J.J.M. Franse, The magnetic behaviour of rare-earth-transition metal compounds 104–107 (1992) 1252
- Duc, N.H., T.D. Hien and D. Givord, Magnetic coupling in the Gd–T intermetallics ( $T = \text{Fe, Co}$ ) 104–107 (1992) 1344
- Ducouret-Cérèze, A., see A. Boussek-sou 110 (1992) 295
- Dudek, W., J. Gwiazda, E. Mariańska, R. Moskalewicz, J. Oleniacz and W. Zych, Magnetic moment, Curie temperature and crystallization temperature of amorphous alloys of the type Fe–TM–B 94 (1991) 243
- Dufour, C., A. Bruson, G. Marchal, B. George and Ph. Mangin, Structural and magnetic profiles in Fe/Si multilayers 93 (1991) 545
- Dufour, C., see K. Cherifi 93 (1991) 609
- Dufour, C., see K. Cherifi 104–107 (1992) 1833
- Dugautier, C., see A.T. Abdalian 104–107 (1992) 1047
- Duginov, V.N., see H. Maletta 104–107 (1992) 495
- Duhaj, P., see L. Kraus 101 (1991) 1
- Duhaj, P., see Z. Kaczkowski 101 (1991) 23
- Dumpich, G., see R. Kordecki 93 (1991) 281
- Dumpich, G., see K. Sumiyama 96 (1991) 329
- Dunlap, R.A., see M. Foldeaki 96 (1991) 29
- Dunlap, R.A., see J.Y. Ping 103 (1992) 285
- Dunlap, R.A., see V. Srinivas 104–107 (1992) 2121
- Dunlop, J.B., see M. Ghafari 104–107 (1992) 1668
- Dunstetter, F., V. Plakhty and J. Schweizer, Magnetic correlations in  $\gamma$ -oxygen: A neutron polarisation study 96 (1991) 282
- Dupas, C., see F. Trigui 93 (1991) 421
- Durczewski, K., see I.S. Donskaya 104–107 (1992) 883
- Durczewski, K., see A.E. Szukiel 104–107 (1992) 1189
- Durham, P.J., see P. Strange 104–107 (1992) 755
- Durin, G., M. Bonaldi, M. Cerdonio, R. Tommasini and S. Vitale, Magnetic viscosity of Co-based amorphous alloys between 0.02 and 4.2 K 101 (1991) 89
- Duro, R.J., see J. Rivas 101 (1991) 403
- Duro, R.J., see J. Rivas 101 (1991) 405
- Duša, O., see A. Košturiak 109 (1992) 27
- Dutka, J., M. Kamiński and A.M. Oleś, Metal-insulator transition in three-band Hubbard model 104–107 (1992) 579
- Duval, H., see J.C. Malaurent 93 (1991) 164
- Ebert, H., S. Ruegg, G. Schütz, R. Wienke and W.B. Zeper, Magnetic properties of Co/Pt-multilayers 93 (1991) 601
- Ebert, H., see P.H. Dederichs 100 (1991) 241
- Ebert, H., B. Drittler and H. Akai, Spin-polarized relativistic electronic structure calculations for disordered alloys using the CPA: application to  $\text{Fe}_x\text{Co}_{1-x}$  and  $\text{Co}_x\text{Pt}_{1-x}$  104–107 (1992) 733
- Ebert, H., see G.Y. Guo 104–107 (1992) 1772
- Ebert, H., see A. Burgstaller 109 (1992) 117
- Ebihara, T., see I. Umehara 104–107 (1992) 1409
- Ebii, S., see A. Ito 104–107 (1992) 1635
- Ebii, S., see H. Aruga Katori 104–107 (1992) 1639
- Eccleston, R.S. and S.B. Palmer, The magnetic structure of Gd–Lu in an applied magnetic field 104–107 (1992) 1527
- Eccleston, R.S. and S.B. Palmer, Ultrasound investigation of the magnetic structure of Er in an applied magnetic field 104–107 (1992) 1529
- Eckelt, T., Ch. Böttger and J. Hesse, AC susceptibility in the reentrant spin-glass system  $(\text{Fe}_{0.65}\text{Ni}_{0.35})_{1-x}\text{Mn}_x$  104–107 (1992) 1665
- Eckert, D., see K.-H. Müller 101 (1991) 375
- Eckert, D., see P. Nothnagel 101 (1991) 379
- Eckert, D., see A. Handstein 101 (1991) 382
- Eckert, D., P. Nothnagel, K.-H. Müller and A. Handstein, The influence of texture on the magnetization behavior of sintered Nd–Fe–B magnets 101 (1991) 385
- Eckert, D., see L. Jahn 101 (1991) 389
- Eckert, D., see K.-H. Müller 104–107 (1992) 1173
- Eckert, J., see M. Fähnle 104–107 (1992) 195
- Edelman, I.S., T.V. Zarubina, S.A. Stepanov and T.A. Kim, Magnetic properties of ferrite microparticles in borate glasses 110 (1992) 99
- Edelstein, A.S., see S.K. Malik 92 (1990) 80
- Edge, A.V.J., see P.W. Thompson 104–107 (1992) 1503
- Edwards, D.M. and J. Mathon, Oscillations in exchange coupling across a nonmagnetic metallic layer 93 (1991) 85
- Edwards, D.M., see J. d'Albuquerque e Castro 93 (1991) 295



- Edwards, D.M. and W. von der Linden, The ferromagnetic phase of the two-dimensional Hubbard model 104–107 (1992) 739
- Edwards, D.M., see J. Mathon 104–107 (1992) 1721
- Edwards, D.M., see M.S. Phan 104–107 (1992) 1876
- Efthimiadis, K.G., K.G. Melidis and I.A. Tsoukalas, Magnetic properties of  $\text{Ni}_3\text{Fe}_c\text{Al}_{1-c}$  103 (1992) 30
- Eggenkamp, P.J.T., H.J.M. Swagten, T. Story and W.J.M. de Jonge, A transition between a ferromagnetic and a spin-glass state induced by carriers 104–107 (1992) 937
- Eggenkamp, P.J.T., see H.J.M. Swagten 104–107 (1992) 989
- Ehmann, A., see Th. Sinnemann 95 (1991) 175
- Ehmann, A., see Th. Sinnemann 98 (1991) 99
- Eichmann, A.R., D.C. Jiles and M.K. Devine, In situ determination of the magnetic properties of soft magnetic materials using an automated magnetic measuring system 104–107 (1992) 375
- El Hafidi, M., see P. Pernot 104–107 (1992) 853
- El Hasab, A.M., see M.A. Ahmed 98 (1991) 33
- El Maziani, F., see P. Thuéry 109 (1992) 197
- El Nimr, M.K., see M.A. Ahmed 98 (1991) 33
- Elbicki, J.M., see M.Q. Huang 102 (1991) 91
- El-Ghanem, H.M., see H. Abu-Safia 103 (1992) 19
- El-Hilo, M., K. O'Grady, H. Pfeiffer and R.W. Chantrell, The TRM peak in a fine particle system 104–107 (1992) 1580
- El-Hilo, M., K. O'Grady and R.W. Chantrell, The origin of non-linear  $\ln(t)$  behaviour in the time dependence of magnetisation (*Letter to the Editor*) 109 (1992) L164
- Elk, K., L. Jahn and R. Scholl, Characteristics and angular dependence of permanent magnetic coercivity 101 (1991) 387
- Elk, K. and L. Jahn, Angular dependence and competition of coercivity mechanisms 102 (1991) 159
- Elk, K., see V. Christoph 104–107 (1992) 1121
- Ellerbrock, E.D., see W.A.A. Macedo 93 (1991) 552
- Ellis, D.E., see D. Guenzburger 104–107 (1992) 2009
- Elmehdi, H.M., J.H. Page and J.T. Graham, Static and dynamic critical effects in the random-field system  $\text{Dy}(\text{As}_x\text{V}_{1-x})\text{O}_4$  104–107 (1992) 193
- Emmen, J.H.P.M., S.K.J. Lenczowski, V.A.M. Brabers and W.J.M. de Jonge, Energy distribution of vortex dynamics in  $\text{Bi}_2\text{CaSr}_2\text{Cu}_2\text{O}_{8+\delta}$  as probed by magnetic susceptibility 104–107 (1992) 473
- Enderle, M., see W. Palme 104–107 (1992) 805
- Enderle, M., K. Kakurai, M. Steiner and H. Weinfurter, Is Haldane's singlet-triplet transition found in  $\text{CsNiCl}_3$ ? 104–107 (1992) 809
- Endo, K., see K. Ooiwa 104–107 (1992) 2011
- Endo, K., K. Ooiwa and A. Shinogi, Structural phase transitions and magnetism in  $\text{Ni}_2\text{Mn}_{1-x}\text{V}_x\text{Ga}$  and  $(\text{Co}_{1-y}\text{Ni}_y)_2\text{NbSn}$  104–107 (1992) 2013
- Endo, S., R. Tanaka, S. Nakamichi, F. Ono, H. Wada and M. Shiga, Pressure dependence of  $M_s$ - $T$  curve in  $\text{GdMn}_2$  104–107 (1992) 1441
- Endoh, Y., see S. Itoh 103 (1992) 126
- Endoh, Y., see K. Kakurai 104–107 (1992) 857
- Endoh, Y., see T. Sato 104–107 (1992) 1625
- Endoh, Y., see J. Suzuki 104–107 (1992) 1657
- Endstra, T., G.J. Nieuwenhuys, A.A. Menovsky and J.A. Mydosh, Magnetic ordering of  $\text{UPT}_2\text{Ge}_2$  108 (1992) 67
- Endstra, T., G.J. Nieuwenhuys, K.H.J. Buschow and J.A. Mydosh, Electrical properties of  $\text{U}_3\text{Ni}_3(\text{Sb}_{1-x}\text{Sn}_x)_4$  108 (1992) 69
- Engemann, J., see Y. Yuan 95 (1991) 58
- Engemann, J., see H. Krause 95 (1991) 95
- Engemann, J., see B.S. Han 104–107 (1992) 305
- England, C.D., see B. Hillebrands 93 (1991) 211
- Englich, J., see H. Štěpánková 104–107 (1992) 409
- Englich, J., see A. Campos 104–107 (1992) 431
- Entel, P., see M. Schröter 104–107 (1992) 747
- Enzo, S., see C. Beatrice 93 (1991) 147
- Epstein, A.J., see K.S. Narayan 110 (1992) L6
- Erata, T., K. Mishima, E. Kita and A. Tasaki, NMR studies on the surface magnetism of vanadium ultra fine particles 104–107 (1992) 1589
- Erhart, P., see A.I. Smirnov 92 (1990) 116
- Erhart, P., J.E. Drumheller, A.M. Portis, B. Senning, S. Mini, L. Fransioli, E. Kaldis, S. Rusiecki and F. Waldner, Decay of magnetism in a high- $T_c$  superconductor measured indirectly and interpreted with a glassy quantitative decay model 104–107 (1992) 487
- Eriksson, O., see P. Söderlind 104–107 (1992) 2037
- Erskine, J.L., see D.q. Li 99 (1991) 85
- Erwin, R.W., see J.R. Childress 104–107 (1992) 1585
- Erwin, R.W., see M.B. Salamon 104–107 (1992) 1729
- Erwin, R.W., see F. Tsui 104–107 (1992) 1901
- Erwin, R.W., see R.S. Beach 104–107 (1992) 1915
- Escuer, A., R. Vicente and J. Ribas, Magnetic transition in ferromagnetically coupled dimer of  $\text{Ni(II)}$  with  $\text{Di-}\mu$ -azido bridge 110 (1992) 181
- Esposito, F., see G. Kamieniarz 104–107 (1992) 865
- Esposito, U., see G. Kamieniarz 104–107 (1992) 865
- Essaïhi, A., see M.J. Besnus 104–107 (1992) 1387
- Etienne, P., see F. Petroff 93 (1991) 95

- Etienne, P., see A. Fert 104–107 (1992) 1712
- Etienne, P., see A. Barthélémy 104–107 (1992) 1816
- Etienne, P., see L. Piraux 110 (1992) L247
- Etourneau, J., see T. Berleureau 102 (1991) 166
- Etourneau, J., see R.P. Pinto 104–107 (1992) 1235
- Ettegui, H., see M. Kuznietz 104–107 (1992) 13
- Evangelista, L.R., see C. Buzano 104–107 (1992) 231
- Evans, B.J., see G.K. Thompson 95 (1991) L142
- Evans, S.M.M., Metamagnetism in the heavy fermion compound  $\text{CeRu}_2\text{Si}_2$  108 (1992) 135
- Evetts, J.E., see R.J. Highmore 104–107 (1992) 1777
- Evetts, J.E., see R.J. Highmore 104–107 (1992) 1779
- Eymery, J.P. and G. Laplanche, Structural and magnetic study of bcc 304 stainless steel thin films elaborated by ion sputtering 93 (1991) 179
- Eymery, J.P., see J.F. Dinhut 93 (1991) 252
- Eymery, J.P. and R. Krishnan, On some magnetic properties of 304 stainless steel films 104–107 (1992) 1785
- Eymery, J.P., see R. Krishnan 104–107 (1992) 1893
- Fabová, T., see P. Sovák 98 (1991) 205
- Fadley, C.S., see B. Sinković 92 (1991) 301
- Fagot, M., see J. Degauque 101 (1991) 114
- Fagot, M., see J. Bras 101 (1991) 369
- Fähnle, M., see T. Beuerle 94 (1991) L11
- Fähnle, M., see R. Reisser 97 (1991) 83
- Fähnle, M., T. Holey and J. Eckert, Monte Carlo renormalization group calculations of critical exponents in site-diluted 2D and 3D Ising systems 104–107 (1992) 195
- Fähnle, M., P. Braun, T. Beuerle and K. Hummler, Ab-initio calculation of local magnetic moments in ordered and disordered intermetallic compounds 104–107 (1992) 1931
- Fähnle, M., see T. Beuerle 110 (1992) L29
- Fähnle, M., see R. Reisser 110 (1992) 32
- Fairbairn, W.M. and S.Y. Yip, RKKY-induced electron spin densities in magnetically ordered superlattices 93 (1991) 407
- Fak, B., see H. Tietze-Jaensch 104–107 (1992) 897
- Fåk, B., see D.A. Tennant 104–107 (1992) 1079
- Falco, C.M., see B. Hillebrands 93 (1991) 211
- Falferi, P., see M. Cerdonio 101 (1991) 92
- Fan, Y.D., see Y. Wang 102 (1991) 121
- Fang, R.-Y., see C.-B. Peng 92 (1991) 353
- Fang, R.-Y., D.-S. Dai, S. Zhang, P. Long, T.-J. Ma, C. Dai and X.-X. Zhang, Large magneto-optical effect for  $\text{MnBiRE}$  thin films 104–107 (1992) 1031
- Fanjat, N. and J.L. Soubeyroux, Powder neutron diffraction study of  $\text{Fe}_2\text{Na}_3(\text{PO}_4)_3$  in the low temperature phase 104–107 (1992) 933
- Farle, M., A. Berghaus, Y. Li and K. Babersche, Hard axis magnetization of ultrathin  $\text{Ni}(111)/\text{W}(110)$  in UHV a new set-up for SMOKE 93 (1991) 215
- Farle, M., see Y. Li 93 (1991) 345
- Farrow, R.F.C., see C.J. Chien 93 (1991) 47
- Farrow, R.F.C., see C.J. Lin 93 (1991) 194
- Farrow, R.F.C., see C.H. Lee 93 (1991) 592
- Farrow, R.F.C., see J.V. Harzer 104–107 (1992) 1863
- Farzetdinova, R.M., see V.L. Safonov 98 (1991) L235
- Fau, C., see B.A. Lombos 93 (1991) 391
- Fawcett, E., see A.V. Andrianov 97 (1991) 246
- Fawcett, E., see K. Mikke 104–107 (1992) 718
- Fawcett, E. and V.Yu. Galkin, Local impurity states in SDW Cr alloys with Fe, Co and Si 104–107 (1992) 759
- Fawcett, E., see A.M. Venter 104–107 (1992) 1517
- Fawcett, E. and V.Yu. Galkin, Re-entrant phase of the commensurate spin-density wave in  $(\text{Cr} + x \text{ at\% Fe})_{1-x}\text{Mn}_x$  ternary alloys (*Letter to the Editor*) 109 (1992) L139
- Fazleev, N.G., Multipolar interactions in rare-earth metals and alloys 104–107 (1992) 1525
- Fazleev, N.G., G.I. Mironov and J.L. Fry, Spin dynamic properties of the Kondo system 108 (1992) 123
- Fdez-Gubieda, M.L., J.M. Barandiarán and F. Plazaola, Magnetic and Mössbauer studies on amorphous  $(\text{Fe}_x\text{Co}_{1-x})_{75}\text{Si}_{15}\text{B}_{10}$  alloys 104–107 (1992) 82
- Fedotova, V.V., see S.S. Karneeva 110 (1992) 327
- Fegel, F., see J. Bansmann 104–107 (1992) 1691
- Feher, A., see R. Záboj 104–107 (1992) 953
- Felcher, G.P., see Y.Y. Huang 99 (1991) L31
- Felner, I., U. Yaron, I. Nowik and E.R. Bauminger, Superconductivity and magnetic order in  $\text{La}_{1+x}\text{Ba}_{2-x}\text{Cu}_3\text{O}_z$  104–107 (1992) 543
- Ferey, G., see M. Leblanc 92 (1991) 359
- Ferey, G., see P. Lacorre 92 (1991) 366
- Ferey, G., see J. Renaudin 92 (1991) 381
- Ferey, G., see P. Lacorre 94 (1991) 331
- Ferey, G., see P. Lacorre 94 (1991) 337
- Fernández Barquín, L., J. Rodríguez Fernández, J.C. Gómez Sal, J. Gutiérrez and J.M. Barandiarán, Study of the low-temperature resistivity behavior in Co–Si–B metallic glasses: magnetic and neutron diffraction characterization 101 (1991) 52
- Fernández Barquín, L., J.C. Gómez Sal and J. Rodríguez Fernández, Electrical resistivity in Co–Si–B amorphous compounds: appraisal of the structural and magnetic contributions 104–107 (1992) 97

- Fernández Barquín, L., see J.A. Blanco 108 (1992) 51
- Fernandez, M., see M.C. Contreras 93 (1991) 233
- Fernandez-Baca, J.A., M.E. Hagen, R.M. Nicklow, Y. Tsunoda and S.M. Hayden, Magnetic excitations in the itinerant antiferromagnet  $\text{Mn}_{90}\text{Cu}_{10}$  104–107 (1992) 699
- Fernengel, W., B. Wall and W. Rodewald, Measurement of the coercivity  $J_H$  of RE–TM-magnets by the SPD technique 101 (1991) 343
- Ferraté, C., see L.L. Balcells 109 (1992)L159
- Ferrater, C., see F. Badia 93 (1991) 429
- Ferré, J., see D. Bertrand 104–107 (1992) 389
- Ferré, J., see F. Pierre 104–107 (1992) 1033
- Ferreira, J.M., see J. Albino Aguiar 104–107 (1992) 547
- Ferrer, S., see J.L. Martínez 93 (1991) 89
- Ferrier, R.P., see S. McVitie 104–107 (1992) 963
- Fert, A., see F. Petroff 93 (1991) 95
- Fert, A., see D.H. Mosca 93 (1991) 480
- Fert, A., see D.H. Mosca 94 (1991) L1
- Fert, A., A. Barthélémy, P. Etienne, S. Lequien, R. Loloee, D.K. Lottis, D.H. Mosca, F. Petroff, W.P. Pratt and P.A. Schroeder, Magnetic multilayers: oscillatory interlayer exchange and giant magnetoresistance 104–107 (1992) 1712
- Fert, A., see D. Lottis 104–107 (1992) 1811
- Fert, A., see A. Barthélémy 104–107 (1992) 1816
- Fert, A., see L. Piraux 110 (1992)L247
- Fessant, A., J. Gieraltowski, J. Loaëc and H. Le Gall, Frequency spectra of the complex permeability of thin magnetic films 93 (1991) 242
- Fessant, A., see A. Rakii 93 (1991) 247
- Fidler, J., see W. Coene 96 (1991) 189
- Figiel, H., N. Spridis, P.C. Riedi and R. Graham, Samarium NMR in the  $\text{Sm}_2\text{Co}_{17}$  compound 101 (1991) 401
- Figiel, H., Cz. Kapusta, N. Spiridis, G. Stoch, P.C. Riedi and M. Rosenberg, NMR of samarium and neodymium in intermetallic compounds with iron and cobalt 104–107 (1992) 1198
- Figiel, H., see Cz. Kapusta 104–107 (1992) 1331
- Filippi, J., B. Barbara, P. Mollard and H. Itji, On the dynamical behaviour of the random anisotropy systems amorphous  $\text{Dy}_x\text{Gd}_{1-x}\text{Ni}$  104–107 (1992) 165
- Filippi, J., see V.S. Amaral 104–107 (1992) 2079
- Filippov, B.N., see A.B. Borisov 110 (1992) 202
- Fillion, G., see J.L. Martínez 93 (1991) 89
- Fillion, G., see J. Sandoñis 104–107 (1992) 350
- Fillion, G., see J. Beille 104–107 (1992) 532
- Fillion, G., J.L. Mattei, P. Rochette and P. Wolfers, Neutron study of  $4\text{C}$  pyrrhotite 104–107 (1992) 1985
- Fillion, G., see J.L. Oddou 104–107 (1992) 1987
- Fink, R., see J. Voigt 93 (1991) 341
- Fink-Finowicki, J., see A. Slawska-Waniewska 101 (1991) 40
- Fiorani, D., see F. Badia 93 (1991) 425
- Fiorani, D., L. Lanotte and F. Ronconi, Low temperature magnetic properties of  $\text{Fe}_{40}\text{Ni}_{40}\text{P}_{14}\text{B}_6$  amorphous ribbons 104–107 (1992) 141
- Fiorani, D., see E. Agostinelli 104–107 (1992) 603
- Fiorani, D., see M. Nogues 104–107 (1992) 1641
- Fiorani, D., see O. Donzelli 104–107 (1992) 1859
- Fiorillo, F., see M. Pasquale 104–107 (1992) 337
- Fischer, B., J. Hoffmann, H.G. Kahle and W. Paul, AC method for measuring the magnetocaloric effect and an application in a study on  $\text{GdVO}_4$  94 (1991) 79
- Fischer, G., see M.J. Besnus 104–107 (1992) 1387
- Fischer, K., see Z. Šimša 104–107 (1992) 403
- Fischer, K., see W. Andrä 104–107 (1992) 481
- Fischer, K.H., Tilt modulus and vortices in layered high- $T_c$  superconductors 104–107 (1992) 493
- Fischer, P., see P. Schobinger-Papamantellos 97 (1991) 53
- Fischer, P., see V. Sechovský 104–107 (1992) 11
- Fischer, P., see L. Keller 104–107 (1992) 1201
- Fischer, P., see A. Dönni 104–107 (1992) 1204
- Fischer, T.M., E. Frey and F. Schwabl, Critical dynamics of dipolar antiferromagnets 104–107 (1992) 201
- Fish, G.E., see S.C. Yu 97 (1991) 286
- Fishman, F., see D. Schwenk 93 (1991) 80
- Fisk, Z., see G. Aeppli 104–107 (1992) 507
- Fisk, Z., see M. Tovar 104–107 (1992) 549
- Fisk, Z., see A. de Visser 108 (1992) 56
- Fisk, Z., see A. Schenck 108 (1992) 97
- Fisk, Z., see J.M. Lawrence 108 (1992) 215
- Fisk, Z., see P.C. Canfield 108 (1992) 217
- Fittipaldi, I.P., see E.F. Sarmiento 104–107 (1992) 233
- Fittipaldi, I.P. and D.F. De Albuquerque, Effective-field renormalization-group method for Ising systems 104–107 (1992) 236
- Fittipaldi, I.P., see T. Kaneyoshi 104–107 (1992) 249
- Fittipaldi, I.P., J. Ricardo de Souza and R.J. Vasconcelos dos Santos, Phase diagrams of a quenched decorated Ising model with competing interactions 104–107 (1992) 279
- Fjellvåg, H., P. Karen, A. Kjekshus, A. Ziębá, T. Chattopadhyay and C. Vettier, Pressure induced transitions between para-, heli- and ferromagnetic phases of  $\text{Mn}_{0.61}\text{Cr}_{0.39}\text{As}$  studied by neutron diffraction 92 (1990) 75
- Fjellvåg, H., see A.F. Andresen 94 (1991) 347
- Fjellvåg, H., see L. Häggström 97 (1991) 251



- Fjellvåg, H., see A. Zieba 104–107 (1992) 71
- Flevaris, N.K., Th. Karakostas, J. Stoenomenos and K. Batas, Growth modes and structural characterization in magnetic multilayers 93 (1991) 39
- Flevaris, N.K. and R. Krishnan, Structural and FMR studies in Pd–Ni multilayers 93 (1991) 439
- Flevaris, N.K., see S. Logothetidis 93 (1991) 444
- Flevaris, N.K. and R. Krishnan, Modulation-induced effects in magnetic multilayers: perpendicular anisotropy, reversed hysteresis and magnetisation enhancement 104–107 (1992) 1760
- Flevaris, N.K. and R. Krishnan, Magneto-optical property modifications in Pd–Ni multilayers 104–107 (1992) 1763
- Floría, L.M., S. Aubry and P. Quémerais, Anisotropic long-range Ising model in a magnetic field 104–107 (1992) 199
- Florczak, J.M. and E. Dan Dahlberg, Magnetization reversal in Fe/GaAs (100) thin films 104–107 (1992) 399
- Florczak, J.M., see Y. Chen 104–107 (1992) 1907
- Flores, J., see J.M. Riveiro 104–107 (1992) 152
- Flores, J., see J.M. Riveiro 104–107 (1992) 155
- Florescu, V., M.D. Serbanescu, R. Manaila and W.A. Grant, Magnetic properties and structure of rare-earth–transition-metal thin films implanted with  $\text{Ar}^+$  ions 92 (1990) 137
- Flouquet, J., see A. de Visser 108 (1992) 15
- Flouquet, J., see A. de Visser 108 (1992) 56
- Flouquet, J., see J.L. Jacoud 108 (1992) 131
- Flouquet, J., see K. Behnia 108 (1992) 133
- Flouquet, J., see L. Taillefer 108 (1992) 138
- Flynn, C.P., see M.B. Salamon 104–107 (1992) 1729
- Flynn, C.P., see F. Tsui 104–107 (1992) 1901
- Flynn, C.P., see R.S. Beach 104–107 (1992) 1915
- Fnidiki, A., see F. Pierre 104–107 (1992) 1033
- Foldeaki, M., L. Koszegi and R.A. Dunlap, Effects of particle size on the spin reorientation transition in  $\text{R}_2\text{Fe}_{14}\text{B}$  (R = Nd, Er) hard magnets 96 (1991) 29
- Földeáki, M., H. Ledbetter and P. Uggowitzer, Magnetic properties of Cr–Mn austenitic stainless steels 110 (1992) 185
- Folkerts, W., Calculated magnetic phase diagrams and magnetoresistance curves for an antiferromagnetically coupled multilayer system 94 (1991) 302
- Folks, L., see R. Street 104–107 (1992) 368
- Folks, L., see R. Street 104–107 (1992) 371
- Fomicheva, L.N., see A.V. Tsvyashchenko 98 (1991) 285
- Fontaine, A., see M. Maurer 93 (1991) 15
- Fontaine, A., see R. Clarke 93 (1991) 53
- Fontaine, A., see F. Baudelet 93 (1991) 539
- Fontaine, A., see F. Baudelet 104–107 (1992) 1418
- Fontes, M.B., A.P. Guimarães, R.G. Graham and P.C. Riedi, Electric field gradient at the  $^{59}\text{Co}$  nucleus of ferromagnetic  $\text{YCo}_3$  104–107 (1992) 1315
- Ford, J.C., see Y.D. Zhang 100 (1991) 13
- Forgan, E.M., see D.McK. Paul 104–107 (1992) 591
- Forgan, E.M., E.P. Gibbons, S.L. Lee, S. Zochowski, K.A. McEwen and W.G. Marshall, Field effects on the antiferromagnetic ordering of neodymium 104–107 (1992) 911
- Forgan, E.M., S.L. Lee, W.G. Marshall and D. Fort, Moment directions in two antiferromagnetic 3- $q$  phases of neodymium 104–107 (1992) 913
- Forgan, E.M., Complex structures and simple ideas in modulated antiferromagnets 104–107 (1992) 1485
- Forgan, E.M., S.L. Lee, W.G. Marshall and S. Zochowski, Magnetism in the Nd–La alloy system 104–107 (1992) 1519
- Forgan, E.M., S.J. Shaikh, D. Fort, S. Zochowski and C. Vettier, Pressure makes rare earths lighter: magnetic ordering in  $\text{Nd}_{0.9}\text{Ce}_{0.1}$  under pressure 104–107 (1992) 1521
- Forker, M., see J. Pszczoła 92 (1990) 101
- Forkl, A., M. Hirscher, T. Mizoguchi, H. Kronmüller and H.-U. Habermeyer, Magnetic properties of FeTb amorphous thin films 93 (1991) 261
- Forkl, A., see J. Pastushenkov 101 (1991) 363
- Forkl, A., J. Pastushenkov, K. Maki and H. Kronmüller, Investigation of the angular dependence of critical fields in RE–Fe–B sintered magnets 101 (1991) 367
- Fort, D., see C.C. Tang 103 (1992) 86
- Fort, D., see E.M. Forgan 104–107 (1992) 913
- Fort, D., see E.M. Forgan 104–107 (1992) 1521
- Fort, D., see U. Steigenberger 108 (1992) 163
- Fournes, L., see T. Berlureau 102 (1991) 166
- Fournier, T., see J. Muller 102 (1991) 305
- Fourquet, J.L., see Y. Calage 98 (1991) 79
- Fowler, D., see P.C. Riedi 104–107 (1992) 503
- Fraas, K., see U. Ahlheim 108 (1992) 213
- Fraas, K., U. Ahlheim, P.H.P. Reinanders, C. Schank, R. Caspary, F. Steglich, A. Ochiai, T. Suzuki and T. Kasuya,  $\text{Sm}_3\text{Se}_4$ : a heavy-fermion system without charge carriers 108 (1992) 220
- Fraga, G.L.F., D.E. Brandão and J.G. Sereni, Specific heat of  $\text{X}_2\text{MnSn}$  (X = Co, Ni, Pd, Cu),  $\text{X}_2\text{MnIn}$  (X

- = Ni, Pd) and  $\text{Ni}_2\text{MnSb}$  Heusler compounds 102 (1991) 199
- Frait, Z., see D. Fraitová 101 (1991) 29
- Fraitová, D. and Z. Frait, Characterization of amorphous and nanocrystalline ferromagnets by ferromagnetic resonance and antiresonance 101 (1991) 29
- Fraizzoli, S., see P. Monachesi 98 (1991) 130
- Fraizzoli, S., see P. Monachesi 104–107 (1992) 1327
- Francesconi, M.G., see L. Albanese 104–107 (1992) 509
- Fransé, J.J.M., see A. de Visser 100 (1991) 204
- Fransé, J.J.M., see F.E. Kayzel 101 (1991) 424
- Fransé, J.J.M., see E. Brück 104–107 (1992) 17
- Fransé, J.J.M., see N.P. Thuy 104–107 (1992) 489
- Fransé, J.J.M., see Z. Tarnawski 104–107 (1992) 613
- Fransé, J.J.M., see N.H. Duc 104–107 (1992) 1252
- Fransé, J.J.M., see P.C.M. Gubbens 104–107 (1992) 1269
- Fransé, J.J.M., see N.H. Kim-Ngan 104–107 (1992) 1298
- Fransé, J.J.M., see N.H. Luong 104–107 (1992) 1301
- Fransé, J.J.M., see A. Szewczyk 104–107 (1992) 1319
- Fransé, J.J.M., see R.J. Radwański 104–107 (1992) 1321
- Fransé, J.J.M., see C. Marquina 104–107 (1992) 1323
- Fransé, J.J.M., see R. Verhoef 104–107 (1992) 1325
- Fransé, J.J.M., see R. Verhoef 104–107 (1992) 1473
- Fransé, J.J.M., see A. de Visser 108 (1992) 15
- Fransé, J.J.M., see A. de Visser 108 (1992) 56
- Fransé, J.J.M., see A. de Visser 108 (1992) 61
- Fransé, J.J.M., see K. Bakker 108 (1992) 63
- Fransé, J.J.M., see K. Bakker 108 (1992) 65
- Fransé, J.J.M., see F. Marabelli 108 (1992) 79
- Fransioli, L., see P. Erhart 104–107 (1992) 487
- Franz, B., see S. Welzel-Gerth 101 (1991) 37
- Fratucello, G., see F. Badia 93 (1991) 425
- Fratucello, G.B., see E. Colombo 93 (1991) 597
- Fratucello, G.B., see E. Colombo 104–107 (1992) 1857
- Fratucello, G.B., see O. Donzelli 104–107 (1992) 1859
- Freeman, A.J., see C. Li 94 (1991) 134
- Freeman, A.J., see S.C. Hong 99 (1991) L45
- Freeman, A.J., see R.Q. Wu 99 (1991) 71
- Freeman, A.J., see R.Q. Wu 99 (1991) 81
- Freeman, A.J. and R.-Q. Wu, Electronic structure theory of surface, interface and thin-film magnetism 100 (1991) 497
- Freeman, A.J. and R.-Q. Wu, Magnetism in man made materials 104–107 (1992) 1
- Freeman, A.J., see S.C. Hong 104–107 (1992) 659
- Freeman, A.J., see J.I. Lee 104–107 (1992) 1684
- Freitas, P.P., M. From, L.V. Melo and T.S. Plaskett, Magnetoresistance enhancement in Gd–Y bilayers 93 (1991) 485
- Frey, E., see T.M. Fischer 104–107 (1992) 201
- Frey, E. and F. Schwabl, Static crossover in uniaxial dipolar ferromagnets 104–107 (1992) 204
- Freyhardt, H.C., see P. Fröbel 104–107 (1992) 1155
- Friedel, F., see J. Wieting 101 (1991) 128
- Friedman, D.J., see B. Sinković 92 (1991) 301
- Fries, T., see Th. Sinnemann 95 (1991) 175
- Fries, T., see Th. Sinnemann 98 (1991) 99
- Fröbel, P., H.C. Freyhardt and K. Bärner, Hysteresis loop studies of melt-spun hardmagnetic materials by Hall effect measurements 104–107 (1992) 1155
- From, M., see P.P. Freitas 93 (1991) 485
- Fruchart, D., see F.J. Lázaro 101 (1991) 372
- Fruchart, D., see J. Bartolomé 101 (1991) 411
- Fruchart, D., see O. Isnard 103 (1992) 157
- Fruchart, D., see J. Chaboy 104–107 (1992) 1171
- Fruchart, D., see R. Zach 104–107 (1992) 1929
- Fruchart, D., see M. Artigas 104–107 (1992) 1993
- Fruchart, D., see C. Rillo 104–107 (1992) 1995
- Fruchart, D., see O. Isnard 104–107 (1992) 2003
- Fruchart, R., see R. Zach 104–107 (1992) 1929
- Fruchart, R., see M. Artigas 104–107 (1992) 1993
- Fruchart, R., see C. Rillo 104–107 (1992) 1995
- Früchtl, H. and U. Krey, Itinerant magnetism of fcc-iron and disordered iron–nickel–Invar alloys (*Letter to the Editor*) 94 (1991) L20
- Fry, J.L., see Y. Wang 93 (1991) 395
- Fry, J.L., see N.G. Fazleev 108 (1992) 123
- Fu, C.L., see C. Li 94 (1991) 134
- Fuß, J.A., see P. Grünberg 93 (1991) 58
- Fuß, A., S. Demokritov, P. Grünberg and W. Zinn, Short- and long period oscillations in the exchange coupling of Fe across epitaxially grown Al- and Au-interlayers (*Letter to the Editor*) 103 (1992) L221
- Fuß, A., see U. Köbler 103 (1992) 236
- Fuchs, D., see S. Logothetidis 93 (1991) 444
- Fuchs, W., see A.K. Gangopadhyay 103 (1992) 267
- Fuertes, J.F., see G.T. Pérez 93 (1991) 155
- Fuess, H., see R. Hock 104–107 (1992) 453
- Fuggle, J.C., see R.J.H. Kappert 100 (1991) 363
- Fujii, H., see Y. Makihara 96 (1991) 305
- Fujii, H., see L. Jirman 104–107 (1992) 19
- Fujii, H., see N. Iwata 104–107 (1992) 27
- Fujii, H., see M. Kurisu 104–107 (1992) 29
- Fujii, H., S. Miyata and T. Takabatake, Transition from non-magnetic semiconductor to ferromagnetic metal in  $\text{U}_3(\text{Ni}_{1-x}\text{Cu}_x)_3\text{Sb}_4$  104–107 (1992) 45
- Fujii, H., see K. Kojima 104–107 (1992) 49
- Fujii, H., see Y. Uwatoko 104–107 (1992) 643
- Fujii, H., see T. Shigeoka 104–107 (1992) 1229
- Fujii, H., see T. Suzuki 104–107 (1992) 1293
- Fujii, H., see T. Fujita 108 (1992) 35
- Fujii, H., see T. Takabatake 108 (1992) 155
- Fujii, T., M. Takano, R. Katano, Y. Bando, Y. Isozumi and T. Okuda, Conversion electron Mössbauer spectroscopy of a single crystalline  $\text{Bi}_3\text{Fe}_5\text{O}_{12}$  film 92 (1990) 261

- Fujii, T., see K. Matsumoto 104–107 (1992) 451
- Fujimaki, Y., see I. Umehara 104–107 (1992) 1407
- Fujimori, H., see Y. Obi 93 (1991) 587
- Fujimori, H., see Y. Obi 104–107 (1992) 1747
- Fujimori, H., see K. Takanashi 104–107 (1992) 1749
- Fujimori, H., see K. Takanashi 104–107 (1992) 1751
- Fujimori, H., see S. Joo 104–107 (1992) 1753
- Fujimoto, T., see T. Mukai 95 (1991) 145
- Fujimoto, T., see T. Mukai 103 (1992) 165
- Fujino, M., see K. Yamagata 104–107 (1992) 849
- Fujino, M., N. Achiwa, N. Koyano, I. Shibuya, Ridwan and K. Yamagata, Structure of tetragonal  $M(\text{HCOO})_2 \cdot 2(\text{NH}_2)_2\text{CO}$  ( $M = \text{Mn}, \text{Cd}$  or  $\text{Co}$ ) 104–107 (1992) 851
- Fujisaki, H., see T. Suzuki 104–107 (1992) 1293
- Fujisawa, S., see T. Suzuki 104–107 (1992) 1293
- Fujita, T., see L. Jirman 104–107 (1992) 19
- Fujita, T., see M. Kurisu 104–107 (1992) 515
- Fujita, T., see T. Suzuki 104–107 (1992) 1293
- Fujita, T., see J. Sakurai 104–107 (1992) 1415
- Fujita, T., T. Suzuki, S. Nishigori, T. Takabatake, H. Fujii and J. Sakurai, Unusual low-temperature properties of Ce compounds 108 (1992) 35
- Fujita, T., see T. Takabatake 108 (1992) 155
- Fujiwara, H., see K. Hara 92 (1990) 68
- Fujiwara, H., see K. Itoh 94 (1991) 235
- Fujiwara, H., see K. Hara 102 (1991) 247
- Fujiwara, H., see K. Shimazaki 104–107 (1992) 1017
- Fujiwara, H., see J. Sakurai 108 (1992) 143
- Fujiwara, K., H. Nagai and A. Tsujimura, Magnetic properties of  $(\text{La}_{1-x}\text{Nd}_x)\text{Co}_5$  hydrides 104–107 (1992) 1231
- Fukada, A., see I. Umehara 104–107 (1992) 1407
- Fukamichi, K., see T. Goto 104–107 (1992) 135
- Fukatsu, S., see H. Takahashi 93 (1991) 469
- Fukatsu, S., see H. Takahashi 104–107 (1992) 1831
- Fukuhara, T., S. Iwakawa and H. Sato, Transport and magnetic properties of a new valence fluctuating compound  $\text{SmRuSn}_3$  104–107 (1992) 667
- Fulde, P., see J.-I. Igarashi 104–107 (1992) 596
- Funahashi, S., see J. Iida 104–107 (1992) 827
- Furdyna, J.K., see P. Kłowski 104–107 (1992) 1795
- Furrer, A., see L. Keller 104–107 (1992) 1201
- Furrer, A., see A. Dönni 104–107 (1992) 1204
- Furubayashi, T., see M. Albrecht 104–107 (1992) 1699
- Furuto, Y., see S. Nakagawa 104–107 (1992) 1801
- Furuto, Y., see S. Nakagawa 104–107 (1992) 2047
- Fuss, A., see P. Grünberg 104–107 (1992) 1734
- Futakata, T., M. Yamaguchi, I. Yamamoto, M.I. Bartashevich, T. Goto, A. Ito and S. Morimoto, Magnetic properties of the hydrides of  $\text{YFe}_3$ -related compounds 104–107 (1992) 729
- Futakata, T., see M. Yamaguchi 104–107 (1992) 731
- Futamoto, M., see T. Takeuchi 104–107 (1992) 1803
- Gabás, M., see A. Paduan-Filho 104–107 (1992) 269
- Gabay, A.M., A.S. Lileev, S.A. Melnikov and V.P. Menushenkov, Magnetostatic interaction in nucleation-type magnets 97 (1991) 256
- Gabay, A.M., A.S. Lileev and V.P. Menushenkov, Simulation of intergranular interaction in sintered magnets 103 (1992) 151
- Gabay, A.M., A.S. Lileev and V.P. Menushenkov, Simulation of intergranular interaction in sintered magnets 109 (1992) 213
- Gabelko, I.L., R.Z. Levitin, A.S. Markosyan, V.I. Silant'ev and V.V. Snegirev, Influence of the d-electron concentration on the itinerant electron metamagnetism and ferromagnetism in  $M(\text{Co}_{1-x}\text{Al}_x)_2$  systems ( $M = \text{Y}, \text{Lu}$ ): study of compounds with unvariable crystal cell parameter 94 (1991) 287
- Gadet, V., see T. Takeuchi 104–107 (1992) 813
- Gaidukov, Yu.P., see L. Taillefer 108 (1992) 138
- Gaganov, I.A., see P.G. Akishin 110 (1992) 175
- Gaidukov, Yu.P., see A.V. Andrianov 97 (1991) 246
- Gajbhiye, N.S., see V.K. Sankaranarayanan 92 (1990) 217
- Gajdušek, J., see A. Košturiak 109 (1992) 27
- Gal, J., see I. Yaar 104–107 (1992) 63
- Galéra, R.M., P. Morin, S. Kunii and T. Kasuya, Magnetic properties and phase diagrams in  $\text{PrB}_6$  and  $\text{GdB}_6$  104–107 (1992) 1336
- Galez, P., see B. Gillon 104–107 (1992) 583
- Galez, P., see D. Petitgrand 104–107 (1992) 585
- Gali, S., see A. Rouco 104–107 (1992) 1645
- Galkin, V.Yu., see E. Fawcett 104–107 (1992) 759
- Galkin, V.Yu., see E. Fawcett 109 (1992) 139
- Gallart, J.C., see J.J. Borrás-Almenar 104–107 (1992) 835
- Gallego, J.M., see J.J. De Miguel 93 (1991) 1
- Gallego, J.M., see J.L. Martínez 93 (1991) 89
- Galtier, M., see C. Chappert 93 (1991) 319
- Gamari-Seale, E., see C. Routsis 98 (1991) 257
- Gamari-Seale, E., see Ch.D. Routsis 102 (1991) 266
- Gamari-Seale, E., see Ch.D. Routsis 102 (1991) 275
- Gamari-Seale, E., see Ch. Routsis 110 (1992) 317
- Gamari-Seale, H., see W. Likodimos 104–107 (1992) 563
- Gamari-Seale, H., see A. Koufoudakis 104–107 (1992) 568
- Gamčík, F., see P. Sovák 98 (1991) 205
- Gangopadhyay, A.K., K. Lettau, C. Lettau, J.S. Schilling, E. Schuberth, W. Fuchs, K. Andres, M. Damento and K.A. Gschneidner Jr., Long-range magnetic order in  $\text{Ce}(\text{Cu}_{1-x}\text{Ag}_x)_6$  103 (1992) 267
- Gannac, Y., see J. Degauque 101 (1991) 114
- Gao, R.w., H. Li, S.t. Jiang, L.m. Mei and M.y. Qui, Investigations on



- magnetization reversal processes in oriented sintered Nd–Fe–B alloys 95 (1991) 205
- Gaponov, A.I., see Yu.N. Mitzay 110 (1992) 80
- Garanin, D.A. and V.S. Lutovinov, Self-consistent fluctuation theory for classical spin systems on 3D lattices 104–107 (1992) 291
- García, L.M., see C. Piqué 104–107 (1992) 1167
- García, N. and A. Hernando, Theory for coupling ferromagnets through paramagnetic layers: direct exchange coupling plus a magnetic pump mechanism (*Letter to the Editor*) 99 (1991) L12
- García, N. and A. Hernando, Free electron polarization in a ferro-paramagnet thin bilayer (*Letter to the Editor*) 99 (1991) L20
- García-Arribas, A., see P.T. Squire 104–107 (1992) 107
- García-Landa, B., see M.R. Ibarra 104–107 (1992) 1375
- García-Muñoz, J.L., J. Rodríguez-Carvajal, S.H. Kilcoyne, C.J. Boardman and R. Cywinski, Magnetic correlations in  $\text{YBa}_2(\text{Cu}_{1-x}\text{Fe}_x)_3\text{O}_{6+y}$  104–107 (1992) 555
- García-Muñoz, J.L., J. Rodríguez-Carvajal and X. Obradors, Magnetism in the rare-earth cuprates  $\text{R}_2\text{Cu}_2\text{O}_5$  (R = Y, Ho, Er, Yb, Tm) 104–107 (1992) 617
- García, J., see J. Blasco 104–107 (1992) 573
- García, J., see J. Chaboy 104–107 (1992) 661
- García, J., see J. Chaboy 104–107 (1992) 1171
- García, L.M., see F.J. Lázaro 101 (1991) 372
- García-Escorial, A., see F. Carmona 101 (1991) 119
- Garrett, J.D., see W. Wei 108 (1992) 77
- Gasche, T., see S. Auluck 104–107 (1992) 35
- Gasche, T., S. Auluck, M.S.S. Brooks and B. Johansson, Theory of the magnetism of ternary uranium compounds 104–107 (1992) 37
- Gasche, T., see M.S.S. Brooks 104–107 (1992) 1381
- Gasche, T., see M.S.S. Brooks 104–107 (1992) 1496
- Gatteschi, D. and R. Sessoli, Molecular based magnetic materials 104–107 (1992) 2092
- Gaulin, B.D., see T.E. Mason 104–107 (1992) 197
- Gaulin, B.D., see Z. Tun 104–107 (1992) 1045
- Gaulin, B.D., see W. Wei 108 (1992) 77
- Gautier, F. and D. Stoeffler, Electronic structure, magnetism and growth of ultrathin films of transition metals 93 (1991) 10
- Gautier, F., see D. Stoeffler 93 (1991) 386
- Gautier, F., see A. Bieber 99 (1991) 293
- Gautier, F., see H. Ness 104–107 (1992) 1697
- Gautier, F., see D. Stoeffler 104–107 (1992) 1819
- Gavigan, J.P., see C. Lacroix 93 (1991) 413
- Gavoille, G., J. Hubsch and S. Koutani, Random anisotropy in the  $\text{Co}_2\text{TiO}_4$  compound 102 (1991) 283
- Gavrin, A., J.H. Hsu, B.G. Alten, J.R. Childress and A.C.L. Chien, Competing magnetic interactions in metastable Gd–Cr alloys 104–107 (1992) 1351
- Gawalek, W., see W. Andrä 104–107 (1992) 481
- Gawiec, P., see D.R. Grempel 104–107 (1992) 289
- Gay, J.G. and R. Richter, Spin-orbit induced orbital angular momentum in monolayers (*Invited paper*) 93 (1991) 315
- Gaydukova, I.Yu., see R. Ballou 104–107 (1992) 1465
- Gayle, F.W., see L.H. Bennett 104–107 (1992) 539
- Gayoso, M., see J. Rivas 101 (1991) 405
- Ge, Y.-p., see Z.-g. Zhao 98 (1991) L231
- Ge, Y.-P., see Z.-G. Zhao 104–107 (1992) 1289
- Geerts, W.J.M.A., see T. Masuda 95 (1991) 123
- Geerts, W.J.M.A., see J. Šimšová 101 (1991) 196
- Geerts, W.J.M.A., J.C. Lodder and Th.J.A. Popma, Surface properties and stray fields of rf-sputtered Co–Cr films 104–107 (1992) 971
- Gehring, G.A., see T. Xiang 104–107 (1992) 861
- Gehring, G.A. and L.E. Major, The temperature dependence of the thermodynamic properties of uranium compounds 108 (1992) 87
- Gehring, G.A. and R. Wojciechowski, The temperature dependence of the elastic properties of heavy fermion compounds 108 (1992) 89
- Gehring, G.A., see T.M. Hong 108 (1992) 93
- Gehring, P.M., see A. Del Moral 104–107 (1992) 243
- Geibel, C., see A. Krimmel 103 (1992) 73
- Geibel, C., see A. Krimmel 104–107 (1992) 25
- Geibel, C., see F. Steglich 108 (1992) 5
- Geibel, C., see S. Horn 108 (1992) 205
- Geibel, C., C. Kämmerer, B. Seidel, C.D. Bredl, A. Grauel and F. Steglich, Magnetic ordering in the heavy-fermion compounds  $\text{CePtSi}_2$  and  $\text{CeNiGe}_2$  108 (1992) 207
- Geibel, C., R. Köhler, A. Böhm, J. Diehl, B. Seidel, C. Kämmerer, A. Grauel, C.D. Bredl, S. Horn, G. Weber and F. Steglich, Coherent heavy Fermi-liquid behaviour in the new compound  $\text{U}_2\text{Pt}_{15}\text{Si}_7$  108 (1992) 209
- Geick, R., see D. Sieger 104–107 (1992) 895
- Geick, R., see H. Tietze-Jaensch 104–107 (1992) 897
- Geick, R., see C. Brotzeller 104–107 (1992) 949
- Geick, R., see W. Schmidt 104–107 (1992) 1049
- Gemperle, R., see J. Šimšová 95 (1991) 85
- Gemperle, R., see J. Šimšová 101 (1991) 196
- Gemperle, R., see P. Novotný 102 (1991) 18
- Geoffroy, O. and J.L. Porteseil, Sandpile simulation of Barkhausen noise in soft magnetic materials 97 (1991) 198

- Geoffroy, O. and J.L. Porteseil, On the fractal nature of Barkhausen noise in magnetically soft materials 97 (1991) 205
- Geoffroy, O. and J.L. Porteseil, Contribution to quantitative interpretation of losses developed in soft materials 104–107 (1992) 379
- George, B., see C. Dufour 93 (1991) 545
- George, T.F., see T. Hai 97 (1991) 227
- Georges, R., see J.J. Borrás-Almenar 104–107 (1992) 835
- Georges, R., see J.J. Borrás-Almenar 104–107 (1992) 955
- Georges, R., see A. le Lirzin 109 (1992) 47
- Georgiev, G., see J. Nikolov 101 (1991) 137
- Gerard, P. and R. Ballou, Anisotropy of the 3d–4f exchange interaction in R–Co intermetallics (R: rare earth) 104–107 (1992) 1463
- Gerber, A., see J. Beille 104–107 (1992) 532
- Gerber, R., see Z. Šimša 104–107 (1992) 403
- Gerber, R., see R. Atkinson 104–107 (1992) 1005
- Gerber, R., see H. Ugaki 104–107 (1992) 1009
- Geri, A., see L. De Rosa 101 (1991) 283
- Gerling, R.W. and D.P. Landau, Linear and non-linear excitations in the antiferromagnetic  $xy$  chain 104–107 (1992) 246
- Gerling, R.W., see D.P. Landau 104–107 (1992) 843
- Gerling, R.W., see G. Kamieniarz 104–107 (1992) 865
- Gerling, R.W., see H. Grille 104–107 (1992) 1067
- Germishuyse, T., see P. de V. du Plessis 104–107 (1992) 1349
- Gerspach, A., see B. Lührmann 96 (1991) 237
- Gerth, H., see K. Ried 109 (1992) 275
- Ges, A.P., see S.N. Barilo 102 (1991) 30
- Geshev, J., O. Popov, V. Masheva and M. Mikhov, Thermomagnetic curves for a disordered system of single-domain ferromagnetic particles with cubic anisotropy 92 (1990) 185
- Geshev, J. and M. Mikhov, Remanence curves for a disordered system of three- and four-axial fine particles. Henkel-type plots 104–107 (1992) 1569
- Getzlaff, M., see J. Bansmann 104–107 (1992) 1691
- Getzlaff, M., J. Bansmann, C. Westphal and G. Schönhense, Exchange splitting of adsorbate-induced bands on thin iron films 104–107 (1992) 1781
- Gewinner, G., see C. Krembel 93 (1991) 529
- Ghafari, M., R.K. Day, J.B. Dunlop and A.C. McGrath, Spin coupling in amorphous  $\text{Fe}_{90}\text{Sc}_{10}$  alloy 104–107 (1992) 1668
- Ghani, A.A., A.A. Sattar and J. Pierre, Composition dependence of magnetization in  $\text{Co}_{1-x}\text{Cd}_x\text{Fe}_2\text{O}_4$  ferrites 97 (1991) 141
- Ghatak, S.K. and A. Mitra, A simple fluxgate magnetometer using amorphous alloys 103 (1992) 81
- Ghatak, S.K., see A. Mitra 110 (1992) 135
- Ghosh, D.K., see M. Laad 104–107 (1992) 741
- Giacomini, H., see H.T. Diep 104–107 (1992) 184
- Giammaria, F., see F. D'Orazio 104–107 (1992) 441
- Gibbons, E.P., see E.M. Forgan 104–107 (1992) 911
- Gibbs, D., see T. Chattopadhyay 104–107 (1992) 1213
- Gibbs, D., Resonant X-ray magnetic scattering in holmium 104–107 (1992) 1489
- Gibbs, M.R.J., see A.P. Thomas 103 (1992) 97
- Gibbs, M.R.J., see P.T. Squire 104–107 (1992) 107
- Gibbs, M.R.J., see P.T. Squire 104–107 (1992) 109
- Gibbs, M.R.J., see Q.A. Pankhurst 104–107 (1992) 111
- Gibbs, M.R.J., I.E. Day, T.A. Lafford and P.T. Squire, Domain wall mobility in amorphous wires 104–107 (1992) 327
- Giebutowicz, T.M., see P. Kłosowski 104–107 (1992) 1795
- Gieraltowski, J., see A. Fessant 93 (1991) 242
- Gieraltowski, J., see A. Rakii 93 (1991) 247
- Giessen, B.C., see D.P. Yang 109 (1992) 1
- Gignoux, D., see J.A. Blanco 97 (1991) 4
- Gignoux, D., D. Schmitt, A. Takeuchi and F.Y. Zhang, Complex magnetic phase diagram in the hexagonal  $\text{DyGa}_2$  compound 97 (1991) 15
- Gignoux, D., D. Schmitt, A. Takeuchi, F.Y. Zhang, C. Rouchon and E. Roudat, Magnetic properties and structures of the hexagonal  $\text{HoAlGa}$  compound 98 (1991) 333
- Gignoux, D. and D. Schmitt, Rare earth intermetallics 100 (1991) 99
- Gignoux, D., P. Morin and D. Schmitt, Multiple magnetic phase transitions in the tetragonal  $\text{GdPt}_2\text{Si}_2$  and  $\text{GdAg}_2$  compounds 102 (1991) 33
- Gignoux, D., see A.R. Ball 104–107 (1992) 170
- Gignoux, D., see E. Bauer 104–107 (1992) 651
- Gignoux, D., P. Morin, J. Voiron and P. Burlet, Field-induced magnetic structures in the  $\text{Ce}(\text{Zn}_{1-x}\text{Cu}_x)_2$  system ( $x < 0.2$ ) 104–107 (1992) 1262
- Gignoux, D., see P. Dalmas de Réotier 104–107 (1992) 1267
- Gignoux, D., see J.A. Blanco 104–107 (1992) 1273
- Gignoux, D., see J.A. Blanco 104–107 (1992) 1285
- Gignoux, D., see J.A. Blanco 108 (1992) 51
- Gignoux, D., see A.R. Ball 109 (1992) 185
- Gignoux, D., see A.R. Ball 110 (1992) 337
- Gignoux, D., see A.R. Ball 110 (1992) 343
- Gillon, B., D. Petitgrand, P. Galez, J.C. Castaing and P. Schweiss, Magnetic susceptibility of neodymium in  $\text{Nd}_2\text{CuO}_4$  measured by polarised neutron scattering 104–107 (1992) 583
- Gillon, B., see O. Moze 104–107 (1992) 1394
- Gilson, R., see M.D. Clarke 95 (1991) 17
- Gilson, R.G., see K. O'Grady 95 (1991) 341
- Giorgi, A., see P. Warren 104–107 (1992) 687
- Giri, A.K., see P. Brahma 102 (1991) 109
- Giri, A.K., see P. Brahma 103 (1992) 174

- Giron, F., P. Boher, Ph. Houdy, F. Pierre, P. Beauvillain, C. Chappert, K. Le Dang and P. Veillet, Enhanced differential magnetoresistance of Cu/Co (100) multilayers 104–107 (1992) 1887
- Gitlits, M.V., see V.A. Virkovsky 95 (1991) 379
- Givord, D., see B. Dieny 93 (1991) 503
- Givord, D., see J.M. Alameda 93 (1991) 509
- Givord, D., see O. Cugat 104–107 (1992) 397
- Givord, D., M.F. Rossignol, D.W. Taylor and A.E. Ray, Coercivity analysis in Sm(Co, Cu, Fe, Zr)<sub>7–8</sub> magnets 104–107 (1992) 1126
- Givord, D., Q. Lu, F.P. Missell, M.F. Rossignol, D.W. Taylor and V. Vilas Boas, A direct study of the dipolar field in several RFeB systems 104–107 (1992) 1129
- Givord, D., see N.H. Duc 104–107 (1992) 1344
- Givord, D., see G. Peral 104–107 (1992) 1755
- Givord, D., see J.M. Alameda 104–107 (1992) 1813
- Gnidovec, D., see F. Vodopivec 97 (1991) 281
- Gołab, M., see A.F. Andresen 95 (1991) 195
- Göddenhenrich, T., see U. Hartmann 101 (1991) 263
- Godfrey, M.J., see J.M.F. Gunn 104–107 (1992) 465
- Godfrin, H., see D. Sieger 104–107 (1992) 895
- Gogołowicz, M., see S. Juszczak 92 (1991) 388
- Gohuku, H., see H. Matsuda 110 (1992) 227
- Gomes, A.A., see R.L. Sommer 97 (1991) 305
- Gomes, A.A., see R.L. Sommer 103 (1992) 25
- Gómez Sal, J.C., see L. Fernández Barquín 101 (1991) 52
- Gómez Sal, J.C., see L. Fernández Barquín 104–107 (1992) 97
- Gómez Sal, J.C., see J.A. Blanco 104–107 (1992) 1273
- Gómez Sal, J.C., see J.A. Blanco 104–107 (1992) 1285
- Gómez Sal, J.C., see J.A. Blanco 108 (1992) 51
- Gomez-García, C.J., see J.J. Borrás-Almenar 104–107 (1992) 835
- Gómez-García, C.J., see J.J. Borrás-Almenar 104–107 (1992) 955
- Gómez-Polo, C., see A.M. Severino 103 (1992) 117
- Gómez-Polo, C., see J.M. Blanco 104–107 (1992) 137
- Gonçalves, J.R. and L.L. Gonçalves, Mixed spins Ising model on the honeycomb lattice 104–107 (1992) 261
- Gonçalves, L.L., see J.R. Gonçalves 104–107 (1992) 261
- Gondō, Y., K. Aoyagi, T. Ishi and H. Kogure and Y. Suezawa, Structure and magnetic properties of self-ion-implanted Fe and Ni films 93 (1991) 43
- Gontarz, R. and T. Lucinski, On magnetic anisotropy in sputtered Co–Pd alloy films 101 (1991) 253
- González, A.C., see R.E. Parra 104–107 (1992) 2017
- González, J., see M. Vázquez 96 (1991) 321
- González, J., see J.M. Blanco 101 (1991) 35
- González, J., see I. Ibarondo 101 (1991) 83
- González, J.M., F. Cebollada, V.E. Martin, M. Leonato, D. Koeler and M. Seeger, Hysteretic behaviour of rapidly solidified Nd<sub>15–x</sub>Dy<sub>x</sub>Fe<sub>76</sub>B<sub>9</sub> 101 (1991) 397
- González, J., J.M. Blanco, P.G. Barbon and K. Kułakowski, Thermal dependence of the anisotropic contribution to the stress derivative of the magnetostriction in (Co<sub>0.95</sub>Fe<sub>0.05</sub>)<sub>80</sub>Si<sub>10</sub>B<sub>10</sub> amorphous alloy 102 (1991) 63
- González, J., see J.M. Blanco 104–107 (1992) 137
- González, J., J.M. Blanco, M. Vázquez, J.M. Barandiarán and A. Hernando, Kinetic magnetic relaxation in amorphous magnetostrictive wires 104–107 (1992) 139
- Gonzalez, J., see J. Lamazares 104–107 (1992) 997
- Gonzalez, J.M., see F. Carmona 101 (1991) 119
- Gonzalez, J.M., see F. Cebollada 101 (1991) 199
- Gonzalez, J.M., see M.T. Clavaguera-Mora 104–107 (1992) 1141
- Gonzalez, J.M., F. Cebollada, V.E. Martin, M. Leonato, A. Hernando, E. Pulido and P. Crespo, Coercivity of crystallized melt-spun Nd<sub>15–x</sub>Dy<sub>x</sub>Fe<sub>76</sub>B<sub>9</sub> ( $x = 3, 6, 9, 12, 15$ ) 104–107 (1992) 1179
- González-Calbet, J., see B. Martínez 104–107 (1992) 941
- González-Calvet, J., see X. Batlle 104–107 (1992) 918
- Gonzalez-Jimenez, F., see J. Lamazares 104–107 (1992) 997
- Gorbacz, W.N., see A.A. Murakhowski 101 (1991) 131
- Gorges, B., see P. Dalmás de Réotier 104–107 (1992) 1267
- Gorges, B., see A.R. Ball 109 (1992) 185
- Görlitz, D., J. Kötzler and Th. Lange, Magnetization dynamics in the Heisenberg ferromagnets EuS and EuO below the Curie temperature 104–107 (1992) 339
- Gorman, G.L., see C.J. Lin 93 (1991) 194
- Görnert, P., see Z. Šimša 104–107 (1992) 403
- Görnert, P., see W. Andrä 104–107 (1992) 481
- Göser, O., W. Paul and H.G. Kahle, Magnetic properties of CrSBr 92 (1990) 129
- Goshima, H., see J. Sakurai 104–107 (1992) 1415
- Goto, K., see Y. Takeno 93 (1991) 237
- Goto, M., see S. Ishio 104–107 (1992) 143
- Goto, M., see T. Kamimori 104–107 (1992) 1219
- Goto, M., T. Sai, H. Tange and T. Kamimori, Hysteresis loop of Fe and Ni successively evaporated multilayer films 104–107 (1992) 1789
- Goto, M., see H. Tange 109 (1992) 169
- Goto, T., K. Kuroda, H. Komatsu and K. Fukamichi, Magnetic phase diagram of amorphous Fe-rich Fe<sub>1–x</sub>Lu<sub>x</sub> alloys 104–107 (1992) 135
- Goto, T., see T. Futakata 104–107 (1992) 729
- Goto, T., see M. Yamaguchi 104–107 (1992) 731
- Goto, T., see A. Ito 104–107 (1992) 1635
- Goto, T., see H. Aruga Katori 104–107 (1992) 1639



- Goto, T., see A. Kashiwakura 104–107 (1992) 2049
- Goto, T., H. Utsugi and A. Kashiwakura, Effect of atomic environment on  $^{57}\text{Fe}$  hyperfine structure in Fe–Pt alloys 104–107 (1992) 2051
- Gouzerh, J., A.A. Stashkevich, N.G. Kovshikov, V.V. Matyushev and J.M. Desvignes, Reflection of magnetostatic waves from a laser-annealed grating in a garnet film 101 (1991) 189
- Gradmann, U., Surface magnetism 100 (1991) 481
- Gradmann, U., see M. Albrecht 104–107 (1992) 1699
- Graf, H.A., see M. Winkelmann 104–107 (1992) 871
- Graham, J.T., see H.M. Elmehtdi 104–107 (1992) 193
- Graham, R., see H. Figiel 101 (1991) 401
- Graham, R.G., see P.C. Riedi 104–107 (1992) 503
- Graham, R.G., J.S. Lord, P.C. Riedi, Y. Yamada, H. Nakamura and K. Yoshimura, Pressure dependence of the NQR of  $\text{YbInCu}_4$  104–107 (1992) 641
- Graham, R.G., see M.B. Fontes 104–107 (1992) 1315
- Graham, R.G., see Y. Yamada 104–107 (1992) 1317
- Graham, R.G., see Cz. Kapusta 104–107 (1992) 1333
- Graham, R.G., see Y. Kasamatsu 104–107 (1992) 1413
- Graham, R.G., see J.G.M. Armitage 104–107 (1992) 1935
- Grahl, M. and J. Kötzler, Narrow central peak of the magnetization dynamics at and below  $T_c$  in the singlet–singlet ferromagnet  $\text{LiTbF}_4$  104–107 (1992) 219
- Granberg, P., L. Lundgren and P. Nordblad, Non-equilibrium relaxation in a  $\text{Cu}(\text{Mn})$  spin glass 92 (1990) 228
- Granberg, P., see J. Mattsson 104–107 (1992) 1619
- Granberg, P., see J. Mattsson 104–107 (1992) 1621
- Granberg, P., see J. Mattsson 104–107 (1992) 1623
- Grandjean, F., see O.A. Pringle 104–107 (1992) 1123
- Grandjean, F., see D.E. Tharp 104–107 (1992) 1477
- Granovsky, A.B., see A.D. Arsenieva 99 (1991) 167
- Granovsky, A.B., see A.V. Vedyayev 99 (1991) 190
- Grant, W.A., see V. Florescu 92 (1990) 137
- Gratz, E., see E. Bauer 104–107 (1992) 651
- Gratz, E., R. Resel, E. Bauer, N. Pillmayer and N. Baranov, Transport properties in  $\text{Hf}(\text{Fe}_x\text{Co}_{1-x})_2$  compounds 104–107 (1992) 1918
- Gratz, E., see E. Bauer 108 (1992) 159
- Grauel, A., see F. Steglich 108 (1992) 5
- Grauel, A., see C. Geibel 108 (1992) 207
- Grauel, A., see C. Geibel 108 (1992) 209
- Gravereau, P., see T. Berlureau 102 (1991) 166
- Grebnyuk, Yu.P., see P.A. Alekseev 110 (1992) 119
- Grebinnik, V.G., see H. Maletta 104–107 (1992) 495
- Greeney, R.E., see C.P. Landee 104–107 (1992) 788
- Greenough, R.D., A.G.I. Jenner, M.P. Schulze and A.J. Wilkinson, The properties and applications of magnetostrictive rare-earth compounds (*Invited paper*) 101 (1991) 75
- Gregg, J.F., see S.J. Dawson 104–107 (1992) 373
- Gregg, J.F. and J.S. Lord, Microwave ultrasonic measurement of nuclear spin diffusion 104–107 (1992) 957
- Gregory, C.I., D.B. Lambrick and N.R. Bernhoeft, Magnetisation study of the magnetic phase diagram in  $\text{MnSi}$  104–107 (1992) 689
- Greig, D., M.J. Hall, C. Hammond, B.J. Hickey, H.P. Ho, M.A. Howson, M.J. Walker, N. Wiser and D.G. Wright, The giant magnetoresistance of Co/Cu superlattices grown by MBE (*Letter to the Editor*) 110 (1992) L239
- Gempel, D.R. and P. Gawiec, Ground state morphology and excitations of a 2D random XY model 104–107 (1992) 289
- Greneche, J.M., see M. Lahlou-Mimi 92 (1991) 375
- Greneche, J.M., see J. Renaudin 92 (1991) 381
- Greneche, J.M., see J. Rivas 101 (1991) 403
- Grenet, Th., see J. Beille 104–107 (1992) 532
- Grenier, J.C., see V. Carteaux 94 (1991) 127
- Grešovnik, F., see F. Vodopivec 92 (1990) 125
- Grešovnik, F., see F. Vodopivec 97 (1991) 281
- Grigereit, T.E., Y. Liu, P. Zhou, J.E. Drumheller, A. Bonomartini-Corradi, M.R. Bond, H. Place and R.D. Willett, Magnetic properties of two new low-dimensional copper-halide systems 104–107 (1992) 831
- Grigereit, T.E., J.E. Drumheller, B. Scott, G. Pon and R.D. Willett, Electronic control of exchange coupling in copper(II) halide dimers 104–107 (1992) 1981
- Grille, H., G. Kamieniarz and R.W. Gerling, Spin-dynamics of the classical easy-plane Heisenberg chain 104–107 (1992) 1067
- Grolier, V., see F. Pierre 104–107 (1992) 1033
- Groń, T., J. Krok-Kowalski, M. Kurzawa and J. Walczak, Electrical conductivity in the antiferromagnetic compounds  $\text{FeVO}_4$ ,  $\text{FeMoO}_7$  and  $\text{Fe}_4\text{V}_2\text{Mo}_3\text{O}_{20}$  101 (1991) 148
- Gronert, H.W., see S. Welzel-Gerth 101 (1991) 37
- Gropelli, S., see C. Beatrice 93 (1991) 147
- Gros, Y., see F. Hartmann-Boutron 104–107 (1992) 501
- Gros, Y., F. Hartmann-Boutron, J. Odin, A. Berton, P. Strobel and C. Meyer, Study of the magnetic transitions in  $\text{Y}_2\text{BaCuO}_5$  and  $\text{Y}_2\text{Cu}_2\text{O}_5$  by specific heat and Mössbauer measurements 104–107 (1992) 621
- Grössinger, R., see M. Katter 92 (1990) L14
- Grössinger, R., see X.C. Kou 95 (1991) 184
- Grössinger, R., see W. Coene 96 (1991) 189
- Grössinger, R., see X.K. Sun 96 (1991) 197
- Grössinger, R., M. Katter, G. Badurek and R. Krewenka, The construction

- of a highly sensitive pulsed-field magnetometer for measuring hard magnetic materials 101 (1991) 304
- Grössinger, R., see X.C. Kou 101 (1991) 349
- Grössinger, R., see A. Handstein 101 (1991) 377
- Grössinger, R., see C. Polak 104–107 (1992) 100
- Grössinger, R., see X.C. Kou 104–107 (1992) 1339
- Grössinger, R., see X.C. Kou 104–107 (1992) 1341
- Grössinger, R., see T.S. Zhao 104–107 (1992) 1347
- Grössinger, R., see G. Wiesinger 104–107 (1992) 1431
- Grover, A.K., see B.V.B. Sarkissian 104–107 (1992) 1271
- Grübel, G., see K. Tajima 104–107 (1992) 177
- Grübel, G., see T. Chattopadhyay 104–107 (1992) 1213
- Grünberg, P., J. Barnas, F. Saurenbach, J.A. Fuß, A. Wolf and M. Vohl, Layered magnetic structures: antiferromagnetic type interlayer coupling and magnetoresistance due to antiparallel alignment (*Invited paper*) 93 (1991) 58
- Grünberg, P., see M. Vohl 93 (1991) 403
- Grünberg, P., see J. Barnas 98 (1991) 57
- Grünberg, P., see A. Fuß 103 (1992) L221
- Grünberg, P., S. Demokritov, A. Fuss, R. Schreiber, J.A. Wolf and S.T. Purcell, Interlayer exchange, magnetotransport and magnetic domains in Fe/Cr layered structures 104–107 (1992) 1734
- Grünberger, W., B. Springmann, M. Brusberg, M. Schmidt and R. Jahnke, Rubber bonded ferrite layer as a microwave resonant absorber in a frequency range from 3 up to 16 GHz 101 (1991) 173
- Grundy, P.J., see H. Matsuda 109 (1992) 133
- Grundy, P.J., see H. Matsuda 110 (1992) 227
- Grusková, A., see J. Sláma 101 (1991) 102
- Grusková, A., J. Sláma, M. Michalíková, J. Lipka, I. Tóth and P. Kaboš, Preparation of substituted barium ferrite powders 101 (1991) 227
- Gschneidner Jr., K.A., see K. Ikeda 100 (1991) 292
- Gschneidner Jr., K.A., see S. Tanoue 103 (1992) 129
- Gschneidner Jr., K.A., see A.K. Gangopadhyay 103 (1992) 267
- Gschneidner Jr., K.A., see S.K. Malik 109 (1992) 316
- Gu, B.-x., see B.-g. Shen 92 (1990) 53
- Gu, B.X., H.R. Zhai and B.G. Shen, Low temperature magnetic properties, Curie temperature and crystallization temperature of amorphous  $\text{Nd}_x\text{Fe}_{81}\text{B}_{19-x}$  ( $0 \leq x \leq 19$ ) alloys 97 (1991) 40
- Gu, B.X., see H.R. Zhai 104–107 (1992) 1015
- Gu, B.X., see H. Wang 104–107 (1992) 1827
- Guarisco, D., see F. Meier 93 (1991) 523
- Gubbens, P.C.M., A.A. Moolenaar, G.J. Boender, A.M. van der Kraan, T.H. Jacobs and K.H.J. Buschow,  $^{166}\text{Er}$  and  $^{57}\text{Fe}$  Mössbauer effect in  $\text{Er}_2\text{Fe}_{17}\text{N}_x$  97 (1991) 69
- Gubbens, P.C.M., K.H.J. Buschow, M. Diviš, J. Lange and M. Loewenhaupt, Influence of the magnetic anisotropy on the relaxation behaviour in  $\text{DyCu}_2$  and  $\text{ErCu}_2$  98 (1991) 141
- Gubbens, P.C.M., see A.A. Moolenaar 101 (1991) 395
- Gubbens, P.C.M., A.A. Moolenaar, T.H. Jacobs and K.H.J. Buschow,  $\text{R}_2\text{Fe}_{17}\text{C}_x$  and  $\text{R}_2\text{Fe}_{17}\text{N}_x$  compounds studied by means of  $^{57}\text{Fe}$ ,  $^{166}\text{Er}$  and  $^{169}\text{Tm}$  Mössbauer spectroscopy 104–107 (1992) 1113
- Gubbens, P.C.M., see P. Dalmas de Réotier 104–107 (1992) 1267
- Gubbens, P.C.M., P. Dalmas de Réotier, J.P. Sanchez, A. Yaouanc, C.E. Snel, R. Verhoef, F. Kayzel, J. Song-Quan and J.J.M. Franse, Effect of the  $\text{Er}^{3+}$  crystal field on the magnetic fluctuations in the paramagnetic phase of  $\text{ErNi}_5$  104–107 (1992) 1269
- Gubbens, P.C.M., K.H.J. Buschow, M. Diviš, M. Heidehman and M. Loewenhaupt, Crystal field and magnetic relaxation in  $\text{TmCu}_2$  studied by  $^{169}\text{Tm}$  Mössbauer spectroscopy 104–107 (1992) 1283
- Güdel, H.U., see L. Keller 104–107 (1992) 1201
- Guenzburger, D., see M. Del Castillo-Mussot 95 (1991) 154
- Guenzburger, D. and D.E. Ellis, Local magnetism of Fe impurities in non-transition metal hosts 104–107 (1992) 2009
- Guess, A.P., see S.S. Karneeva 110 (1992) 327
- Guidi, G., see L. Albanese 104–107 (1992) 509
- Guijarro, M., see J.M. Riveiro 104–107 (1992) 152
- Guillot, M., see D. Rodić 94 (1991) 260
- Guillot, M., see A. Boussekou 110 (1992) 295
- Guillot, M., see J. Ostoréro 104–107 (1992) 425
- Guillot, M., see O. Isnard 104–107 (1992) 2003
- Guimarães, A.P., see L. Iannarella 102 (1991) 87
- Guimarães, A.P., see M.B. Fontes 104–107 (1992) 1315
- Guimarães, A.P. and K.M.B. Alves, High field magnetization of  $(\text{R}_x\text{Y}_{1-x})\text{Fe}_2$  compounds 104–107 (1992) 1460
- Guivarc'h, A., see S. Auffret 104–107 (1992) 1209
- Gunn, J.M.F., M.J. Godfrey and B.D. Simons, Holes in antiferromagnets: motion and effect on local magnetic structure 104–107 (1992) 465
- Gunnarsson, K., see A. Seidel 104–107 (1992) 1599
- Gunnarsson, K., J.-O. Andersson, P. Svedlindh, P. Nordblad, L. Lundgren, H. Aruga Katori and A. Ito,

- Equilibrium and nonequilibrium magnetic behaviour of a reentrant Ising spin glass 104–107 (1992) 1607
- Güntherodt, G., see B. Hillebrands 93 (1991) 211
- Güntherodt, G., see P. Baumgart 93 (1991) 225
- Güntherodt, G., see S. Patil 104–107 (1992) 521
- Güntherodt, G., see W. Weber 104–107 (1992) 1791
- Güntherodt, G., see J.V. Harzer 104–107 (1992) 1863
- Guo, G.Y., W.M. Temmerman and H. Ebert, An ab initio study of the magnetic anisotropy of  $\text{Fe}_n/\text{Cu}(\text{Ag})_m$  multilayers 104–107 (1992) 1772
- Guo, H.-q., see B.-g. Shen 92 (1990) L30
- Guo, H.-q., see B.-g. Shen 96 (1991) 335
- Guo, H.-q., X.-d. Ma, L.-y. Yang, B.-g. Shen and J.-g. Zhao, Structure, magnetic properties and stability of the interfaces in Fe/Cu multilayer 99 (1991) 199
- Guo, H.-Q., see L.-Y. Yang 104–107 (1992) 1191
- Guo, H.-Q., see B.-G. Shen 104–107 (1992) 2021
- Guo Mian and R.S. Inneck, An interaction matrix for the energy analysis of an  $n$ -layered magnetic thin-film system 96 (1991) 248
- Guo, Q.-C., see G.-H. Pan 104–107 (1992) 981
- Gupta, H.O., see R. Krishnan 93 (1991) 174
- Gupta, H.O., see L.J. Heyderman 96 (1991) 125
- Gupta, H.O., see R. Zuberek 101 (1991) 219
- Gupta, L.C., see M. Huang 97 (1991) 297
- Guretskii, S.A., see S.N. Barilo 102 (1991) 30
- Gurney, B.A., see B. Dieny 93 (1991) 101
- Guskos, N., see W. Likodimos 104–107 (1992) 563
- Gusmão, M.A., see L.G. Brunet 108 (1992) 147
- Gutierrez, C.J., Z.Q. Qiu, M.D. Wiczorek, H. Tang and J.C. Walker, The observation of a 3-D to 2-D crossover in the magnetism of epitaxial Fe(110)/Ag(111) multilayers 93 (1991) 326
- Gutierrez, C.J., M.D. Wiczorek, Z.Q. Qiu, H. Tang and J.C. Walker, The Mössbauer properties of epitaxial Fe-bcc Ni multilayers 93 (1991) 369
- Gutierrez, C.J., M.D. Wiczorek, H. Tang, Z.Q. Qiu and J.C. Walker, Mössbauer studies of Fe(100)/Ag(100) multilayers grown on NaCl(100) by molecular beam epitaxy 99 (1991) 215
- Gutierrez, C.J., see J.C. Walker 104–107 (1992) 1703
- Gutiérrez, J., see L. Fernández Barquín 101 (1991) 52
- Gutierrez, J., see P.T. Squire 104–107 (1992) 107
- Guyot, M. and V. Cagan, The acoustic emission along the hysteresis loop of various ferro and ferrimagnets (*Invited paper*) 101 (1991) 256
- Gwiazda, J., see W. Dudek 94 (1991) 243
- Gygax, F.N., see A. Kalk 102 (1991) 184
- Gygax, F.N., see H. Maletta 104–107 (1992) 495
- Gygax, F.N., see A. Schenck 108 (1992) 97
- Gyorffy, B.L., see P. Strange 104–107 (1992) 755
- Gyorffy, B.L., see M.B. Taylor 104–107 (1992) 877
- Gyorgy, E.M., see S.K. Chen 110 (1992) 65
- Habermeier, H.-U., see A. Forkl 93 (1991) 261
- Habib, J.M., see L.H. Bennett 104–107 (1992) 539
- Hadjipanayis, G., see K.N. Trohidou 104–107 (1992) 1587
- Hadjipanayis, G.C., Response comments to the article "Some comments on magnetization reversal in uniaxial ferrite magnets" (*Letter to the Editor*) 92 (1990) L43
- Hadjipanayis, G.C., see K.D. Aylesworth 98 (1991) 65
- Hadjipanayis, G.C., see Y.Z. Wang 104–107 (1992) 1132
- Hadjipanayis, G.C., see L. Withanawasam 104–107 (1992) 1137
- Hadjipanayis, G.C., see L. Yiping 104–107 (1992) 1545
- Hadjoudj, S., S. Senoussi and I. Mirebeau, Study of domains in reentrants Fe–Zr by Lorentz transmission electron microscopy and neutron depolarisation measurements 93 (1991) 136
- Haen, P., see F. Lapierre 108 (1992) 167
- Hafner, J., see I. Turek 109 (1992) L145
- Haga, Y., see Y. Okayama 108 (1992) 113
- Hagdorn, K., see Th. Brückel 104–107 (1992) 1629
- Hagen, M.E., see J.A. Fernandez-Baca 104–107 (1992) 699
- Häggström, L., A. Seidel and H. Fjellvåg, Mössbauer studies of  $^{57}\text{Fe}$ -doped CrAs 97 (1991) 251
- Häggström, L., A. Seidel and R. Berger, A Mössbauer study of antiferromagnetic ordering in iron deficient  $\text{TlFe}_{2-x}\text{Se}_2$  98 (1991) 37
- Häggström, L., see A. Seidel 104–107 (1992) 1599
- Hagiwara, M., see Y. Kimishima 104–107 (1992) 781
- Hagiwara, M., K. Katsumata, J.P. Renard, I. Affleck and B.I. Halperin, Hyperfine structure due to the  $S = 1/2$  degrees of freedom in an  $S = 1$  linear-chain antiferromagnet 104–107 (1992) 839
- Hai, T., Z.Y. Li, D.L. Lin and T.F. George, Critical behavior in magnetic superlattices 97 (1991) 227
- Hajko, V., see A. Zentko 104–107 (1992) 581
- Hakenová, J., see M. Kučera 104–107 (1992) 439
- Hakkens, F., see W. Coene 96 (1991) 189
- Hakonen, P., O.V. Lounasmaa and A. Oja, Spontaneous nuclear magnetic ordering in copper and silver at nano- and picokelvin temperatures 100 (1991) 394
- Hakonen, P.J., K.K. Nummilla, R.T. Vuorinen and S. Yin, Antiferromag-



- netic ordering in silver at picokelvin temperatures 104–107 (1992) 903
- Hall, I., see S.R. Brown 104–107 (1992) 921
- Hall, M.J., see D. Greig 110 (1992)L239
- Halperin, B.I., Quantum antiferromagnets in one and two dimensions 104–107 (1992) 761
- Halperin, B.I., see M. Hagiwara 104–107 (1992) 839
- Hamdani, F., see J.P. Lascaray 104–107 (1992) 995
- Hamdaoui, N., see M.J. Besnus 104–107 (1992)1385
- Hamdaoui, N., see M.J. Besnus 104–107 (1992)1387
- Hameyer, K. and R. Hanitsch, Some aspects of the design of rotating actuators 101 (1991) 286
- Hameyer, K. and R. Hanitsch, Optimization of a rotating actuator with permanent magnets 104–107 (1992)1135
- Hamman, J., see A. Bousseksou 110 (1992) 295
- Hammann, J., see L. Leylekian 104–107 (1992) 775
- Hammann, J., M. Ocio, E. Vincent, M. Lederman and R. Orbach, Barrier heights versus temperature in spin glasses 104–107 (1992)1617
- Hammann, J., see P. Bellot 108 (1992) 141
- Hammond, C., see D. Greig 110 (1992)L239
- Hamzić, A., see F. Petroff 93 (1991) 95
- Han, B.S., see X.F. Nie 95 (1991) 231
- Han, B.S., Behavior of vertical-Bloch-line chains of hard domains in garnet bubble films 100 (1991) 455
- Han, B.S., R. Dahlbeck, Y. Yuan and J. Engemann, On the mechanism of the critical temperature for the break-down of VBL chains 104–107 (1992) 305
- Han, B.S., see X.F. Nie 104–107 (1992) 307
- Han, X.-f., T.-s. Zhao and H.-m. Jin, Crystalline electric field in  $\text{Nd}_x\text{Sm}_{1-x}\text{Co}_5$  compounds 102 (1991) 151
- Handstein, A., see K.-H. Müller 101 (1991) 375
- Handstein, A., K.-H. Müller, R. Grössinger, H.R. Kirchmayr and R. Krewenka, Influence of particle size on the properties of polymer bonded Nd–Fe–B magnets 101 (1991) 377
- Handstein, A., see P. Nothnagel 101 (1991) 379
- Handstein, A., K.-H. Müller, D. Eckert and P. Nothnagel, The dip in the magnetization curves of sintered Nd–Fe–B magnets with different degrees of texture 101 (1991) 382
- Handstein, A., see D. Eckert 101 (1991) 385
- Handstein, A., see K.-H. Müller 104–107 (1992)1173
- Hanf, M.C., see C. Krembel 93 (1991) 529
- Hanitsch, R., Design and performance of electromagnetic machines based on Nd–Fe–B magnets (*Invited paper*) 101 (1991) 271
- Hanitsch, R., see K. Hameyer 101 (1991) 286
- Hanitsch, R., see K. Hameyer 104–107 (1992)1135
- Hankiewicz, J.H., see A.A. Murakhowski 101 (1991) 131
- Hankiewicz, J.H., Z. Pająk and A.A. Murakhowski, Nuclear magnetic resonance in  $\text{Ba}_3\text{Co}_2\text{Fe}_{24}\text{O}_{41}$  ferrite 101 (1991) 134
- Hanninger, A., see G. Schaudy 104–107 (1992) 477
- Hanson, M., The frequency dependence of the complex susceptibility of magnetic liquids 96 (1991) 105
- Hanson, M. and C. Johansson, Interaction effects in the dynamic response of magnetic liquids 101 (1991) 45
- Hara, K., K. Itoh, M. Kamiya, H. Fujiwara, K. Okamoto and T. Hashimoto, Measurement of magnetoresistance effect in nickel films deposited obliquely by thermal evaporation 92 (1990) 68
- Hara, K., see K. Itoh 94 (1991) 235
- Hara, K., K. Itoh, M. Kamiya, K. Okamoto, T. Hashimoto and H. Fujiwara, Magnetic anisotropy of obliquely vapor-deposited Co–Ni films 102 (1991) 247
- Hara, M., see K. Kawasaki 104–107 (1992) 253
- Harada, M., see Y. Yamaguchi 103 (1992) 50
- Harada, T., T. Makabe, T. Kanomata and T. Kaneko, Transport properties of the intermetallic compounds  $\text{Mn}_3\text{Ga}_{1-x}\text{Zn}_x\text{C}$  104–107 (1992)1955
- Hariharan, S., see M.K. Devine 104–107 (1992) 377
- Harima, H. and A. Yanase, Fermi surfaces of  $\text{CeCu}_6$  and  $\text{CeCu}_2\text{Si}_2$  108 (1992) 145
- Harlan, E.W., W.R.A. Jarvis, R.V. Chamberlain and G.C. DeFotis, Critical behavior of the dilute ferromagnet  $\text{Fe}_{1-x}\text{As}_x[\text{S}_2\text{CN}(\text{C}_2\text{H}_5)_2]_2\text{Cl}$  104–107 (1992) 189
- Harmon, B.N., X.-W. Wang and P.-A. Lindgård, Calculation of the Ruderman–Kittel interaction and the nuclear magnetic ordering in silver 104–107 (1992)2113
- Harris, I.R., see A.J. Twin 104–107 (1992) 611
- Harris, I.R., see P.J. McGuinness 104–107 (1992)1169
- Harris, I.R., see D.G.R. Jones 104–107 (1992)1468
- Harrison, A., see T.E. Mason 104–107 (1992) 197
- Harrison, A., S.J. Clarke, T.E. Mason and D. Visser, Dispersion of spin-waves in the  $S = 1/2$  square Heisenberg antiferromagnet  $\text{Cu}(\text{DCO}_2)_2\cdot 4\text{D}_2\text{O}$  104–107 (1992) 557
- Harrison, W.A., see M. Albrecht 104–107 (1992)1699
- Harrowfield, I., see J. Muller 102 (1991) 305
- Hart, A., see B. Dean 104–107 (1992)1547
- Hartmann, D., see W. Weber 104–107 (1992)1791

- Hartmann, O., see P. Dalmas de Réotier 104–107 (1992) 1267
- Hartmann, U., T. Göddenhenrich and C. Heiden, Magnetic force microscopy: current status and future trends (*Invited paper*) 101 (1991) 263
- Hartmann-Boutron, F., Y. Gros, C. Meyer, P. Strobel and J.L. Tholence, Mössbauer investigation with  $^{57}\text{Fe}$  of the bilayer compounds  $\text{La}_2\text{SrCu}_2\text{O}_6$ ,  $\text{La}_2\text{CaCu}_2\text{O}_6$  and  $\text{La}_{1.6}\text{Sr}_{0.4}\text{CaCu}_2\text{O}_6$  104–107 (1992) 501
- Hartmann-Boutron, F., see Y. Gros 104–107 (1992) 621
- Haruki, M. and P. Wachter, Magnetic-field-induced 'superdiamagnetism' in a one-dimensional Pt complex below 200 K 104–107 (1992) 475
- Haruna, K., see L. Bang 104–107 (1992) 147
- Harzer, J.V., see B. Hillebrands 93 (1991) 211
- Harzer, J.V., B. Hillebrands, R.L. Stamps, G. Güntherodt, D. Weller, Ch. Lee, R.F.C. Farrow and E.E. Marinero, Characterization of large magnetic anisotropies in (100)- and (111)-oriented Co/Pt multilayers by Brillouin light scattering 104–107 (1992) 1863
- Harzer, J.V., see R.L. Stamps 104–107 (1992) 1868
- Hasebe, Y., see S. Ohta 104–107 (1992) 1979
- Hasegawa, A. and H. Yamagami, Electronic structures of plutonium monochalcogenides 104–107 (1992) 65
- Hasegawa, A., see Y. Ōnuki 108 (1992) 19
- Hasegawa, A., see H. Yamagami 108 (1992) 153
- Hasegawa, K., see S. Nakagawa 104–107 (1992) 1899
- Hasegawa, M., see K. Nakamura 93 (1991) 462
- Hasegawa, M., see S. Tsunashima 93 (1991) 465
- Hasegawa, N. and M. Saito, Structural and soft magnetic properties of nanocrystalline  $(\text{Fe}, \text{Co}, \text{Ni})\text{-Ta-C}$  films with high thermal stability 103 (1992) 274
- Hasegawa, R., Amorphous magnetic materials – a history 100 (1991) 1
- Hashimoto, M., see T. Katayama 104–107 (1992) 1002
- Hashimoto, M., see T. Sugimoto 104–107 (1992) 1845
- Hashimoto, S., see K. Inomata 110 (1992) 233
- Hashimoto, T., see K. Hara 92 (1990) 68
- Hashimoto, T., see K. Itoh 94 (1991) 235
- Hashimoto, T., see K. Hara 102 (1991) 247
- Hashimoto, T., see Y. Tazuke 104–107 (1992) 725
- Hasumi, Y., see Y. Yokoyama 104–107 (1992) 559
- Hathaway, K.B. and J.R. Cullen, A free-electron model for the exchange coupling of ferromagnets through paramagnetic metals 104–107 (1992) 1840
- Hausch, G., High temperature specific heat of FeNi and FePt Invar alloys 92 (1990) 87
- Hauser, R., see E. Bauer 104–107 (1992) 651
- Hausleitner, Ch., see I. Turek 109 (1992) L145
- Havela, L., see V. Sechovský 104–107 (1992) 7
- Havela, L., see V. Sechovský 104–107 (1992) 11
- Havela, L., see E. Brück 104–107 (1992) 17
- Havela, L., see L. Jirman 104–107 (1992) 19
- Havela, L., see H. Maletta 104–107 (1992) 21
- Havela, L., V. Sechovský, J.R. Naegele, T. Almeida, E.H. Brück, H. Nakotte and F.R. de Boer, 5f electron localization in UTX compounds 104–107 (1992) 23
- Hawick, K.A., W.C.K. Poon and G.J. Ackland, Dynamics of bond-diluted Ising magnets 104–107 (1992) 423
- Hawkins, C. and J.M. Williams, Mössbauer studies of superparamagnetism in *E. coli* 104–107 (1992) 1549
- Hayakawa, M., see K. Hayashi 92 (1990) 284
- Hayakawa, M., see K. Hayashi 96 (1991) 230
- Hayashi, K., M. Hayakawa and K. Aso, Effects of Ru and Ti additions on soft magnetic properties in FeGaSi and FeAlSi sputtered films 92 (1990) 284
- Hayashi, K., M. Hayakawa, T. Okamoto and K. Aso, Comparison of soft magnetic properties between single crystals and sputtered films in Fe-RuGaSi (Sofmax) alloys 96 (1991) 230
- Hayashi, M., see T. Myojin 104–107 (1992) 1195
- Hayashi, M., T. Myojin, Y. Kasamatsu, Y. Imaeda, T. Ushida, A. Tsujimura and T. Hihara, NMR study of  $\text{Gd}_2(\text{Co}_{1-x}\text{Fe}_x)_{14}\text{B}$  compounds 104–107 (1992) 1225
- Haycock, P.W., see C.C. Tang 103 (1992) 86
- Hayden, S.M., see G. Aeppli 104–107 (1992) 507
- Hayden, S.M., see J.A. Fernandez-Baca 104–107 (1992) 699
- Hayden, S.M., see A. Dönni 104–107 (1992) 1204
- He, Y.b., see C.b. Peng 110 (1992) 113
- Heap, R.T., P.W. Mitchell and L.M. Needham, Low energy spin wave excitations in  $\text{Ni}_{60}\text{Fe}_{40}$  104–107 (1992) 715
- Heckmann, O., see F. Scheurer 93 (1991) 150
- Hefferman, S.J., J.N. Chapman and S. McVitie, In-situ magnetising experiments on small regularly shaped permalloy particles 95 (1991) 76
- Hefferman, S.J., see H.Y. Wong 104–107 (1992) 329
- Heffner, R.H., Muon studies of heavy fermions 108 (1992) 23
- Heffner, R.H., see E.A. Knetsch 108 (1992) 73
- Heidelman, M., see P.C.M. Gubbens 104–107 (1992) 1283
- Heiden, C., see U. Hartmann 101 (1991) 263
- Heiden, C., see M. Kemper 101 (1991) 299
- Hein, M., H. Piel, M. Strupp, M.R. Trunin and A.M. Portis, Granular behaviour of electrophoretic  $\text{YBa}_2\text{Cu}_3\text{O}_{7-x}$  coatings 104–107 (1992) 529
- Heine, V., see K.S. Chana 104–107 (1992) 743

- Heinrich, B., Z. Celinski, K. Myrtle, J.F. Cochran, A.S. Arrott and J. Kirschner, The growth of metastable bcc Cu(001) and lattice expanded Pd(001) and magnetic coupling in Fe/Cu/Fe and Fe/Pd/Fe trilayers 93 (1991) 75
- Heinrich, B., see W.B. Muir 93 (1991) 229
- Heinrich, B., see J.A.C. Bland 93 (1991) 331
- Heinrich, B., see A.S. Arrott 93 (1991) 571
- Heinrich, B., see Z. Celinski 99 (1991) L25
- Heinrich, B., see Q.M. Zhong 104–107 (1992) 1837
- Heinrich, B., see J.A.C. Bland 104–107 (1992) 1909
- Helgesen, G. and A.T. Skjeltorp, Experimental investigation of the dynamics of microspheres in ferrofluid 97 (1991) 25
- Helman, J.S., see M. Del Castillo-Musot 95 (1991) 154
- Hempel, K.A., see F. Schumacher 102 (1991) 314
- Hendriksen, P.V., S. Linderoth and P.-A. Lindgård, Finite-size effects in the magnetic properties of ferromagnetic clusters 104–107 (1992) 1577
- Hennion, B., see C. Bellouard 104–107 (1992) 1627
- Hennion, B., see F. Hippert 108 (1992) 177
- Hennion, M., see C. Bellouard 104–107 (1992) 517
- Hennion, M., see I. Mirebeau 104–107 (1992) 1560
- Hennion, M., see C. Bellouard 104–107 (1992) 1627
- Henry, J.Y., see W.G. Clark 104–107 (1992) 589
- Henry, J.Y., see J.X. Boucherle 104–107 (1992) 630
- Herbst, E.M., see J. Wieting 101 (1991) 128
- Herbst, J.F. and J.J. Croat, Neodymium-iron-boron permanent magnets 100 (1991) 57
- Heres, O., see K.S. Narayan 110 (1992) L6
- Hergt, R., see W. Andrä 104–107 (1992) 481
- Herman, F., see T. Maurer 104–107 (1992) 1029
- Hermesmeier, B.D., see C.H. Lee 93 (1991) 592
- Hernando, A., see M. Vázquez 96 (1991) 321
- Hernando, A., see N. García 99 (1991) L12
- Hernando, A., see N. García 99 (1991) L20
- Hernando, A., M. Vázquez, G. Rivero and J.M. Barandiarán, Amorphous soft magnetic materials: magnetostriction and induced anisotropies (*Invited paper*) 101 (1991) 6
- Hernando, A., see J.M. Blanco 101 (1991) 35
- Hernando, A., see J.M. Barandiarán 104–107 (1992) 73
- Hernando, A., see J. González 104–107 (1992) 139
- Hernando, A., see M.J. Bernal 104–107 (1992) 1090
- Hernando, A., see J.M. Gonzalez 104–107 (1992) 1179
- Hernando, A., see S. Vieira 110 (1992) 129
- Herr, A., see K. Ounadiela 104–107 (1992) 1896
- Herz, K., see K. Hinrichs 104–107 (1992) 1676
- Herzer, G., see C. Polak 104–107 (1992) 100
- Hesse, J., see Ch. Böttger 99 (1991) 280
- Hesse, J., see T. Eckelt 104–107 (1992) 1665
- Hesse, J., see A. Wulfes 104–107 (1992) 2069
- Hesske, R.R. and S. Roth, A method for short-time annealing of amorphous tape wound cores 101 (1991) 55
- Hesske, R.R. and S. Roth, Short time annealing of amorphous FeBSi-alloys with additions 101 (1991) 57
- Hetherington, M.G., see A.D. Beale 104–107 (1992) 365
- Hewat, A.W., see L. Keller 104–107 (1992) 1201
- Hewson, A.C., see T.A. Costi 108 (1992) 129
- Heyderman, L.J., H. Niedoba, H.O. Gupta and I.B. Puchalska, 360° and 0° walls in multilayer Permalloy films 96 (1991) 125
- Heyes, N.A.E., see W.W. Clegg 95 (1991) 49
- Hibst, H., see H.J. Richter 95 (1991) 118
- Hicken, R.J. and G.T. Rado, Thickness dependent anisotropies in ultrathin amorphous Co<sub>80</sub>B<sub>20</sub>/Ag multilayer films 104–107 (1992) 1743
- Hickey, B.J., see D. Greig 110 (1992) L239
- Hickey, H., see P. Burlet 108 (1992) 202
- Hicks, T.J., see A. Abbas 92 (1990) L6
- Hicks, T.J., Model for transverse magnetic defects in antiferromagnetic Mn–Cu 104–107 (1992) 2077
- Hida, K., Haldane gap in the spin-double chain Heisenberg antiferromagnet 104–107 (1992) 783
- Hidaka, Y., see K. Sugiyama 104–107 (1992) 1223
- Hien, N.T., see N.P. Thuy 104–107 (1992) 489
- Hien, T.D., see N.P. Thuy 104–107 (1992) 489
- Hien, T.D., see N.H. Duc 104–107 (1992) 1252
- Hien, T.D., see N.H. Kim-Ngan 104–107 (1992) 1298
- Hien, T.D., see N.H. Duc 104–107 (1992) 1344
- High, G.L., H.L. Alberts and P. Smit, Electrical transport properties and magnetism of Cr–Mo–Ru alloys 104–107 (1992) 2029
- Highmore, R.J., M.G. Blamire, R.E. Somekh and J.E. Evetts, Magnetoresistance of Cu–Ni multilayers 104–107 (1992) 1777
- Highmore, R.J., W.C. Shih, R.E. Somekh and J.E. Evetts, Microstructure-property relations in Co–Pd multilayers 104–107 (1992) 1779
- Higuchi, Y., see K. Yamagata 104–107 (1992) 803
- Hihara, T., see Y. Makiyara 96 (1991) 305
- Hihara, T., see K. Kojima 104–107 (1992) 49
- Hihara, T., see K. Kojima 104–107 (1992) 653
- Hihara, T., see K. Hiraoka 104–107 (1992) 655
- Hihara, T., see T. Myojin 104–107 (1992) 1195
- Hihara, T., see M. Hayashi 104–107 (1992) 1225
- Hihara, T., see Y. Kasamatsu 104–107 (1992) 1413
- Hildebrand, N., see F. Jurisch 101 (1991) 301
- Hill, E.W., see W.W. Clegg 95 (1991) 49
- Hill, R.W., see B. Bleaney 104–107 (1992) 1245
- Hillebrands, B., J.V. Harzer, R.L. Stamps, G. Güntherodt, C.D. Eng-



- land and C.M. Falco, Evidence for collective exchange modes in Co/Pd multilayers observed by Brillouin light scattering 93 (1991) 211
- Hillebrands, B., see P. Baumgart 93 (1991) 225
- Hillebrands, B., see R.L. Stamps 93 (1991) 616
- Hillebrands, B., see H. Litschke 104–107 (1992) 1807
- Hillebrands, B., see J.V. Harzer 104–107 (1992) 1863
- Hillebrands, B., see R.L. Stamps 104–107 (1992) 1868
- Hilscher, G., see V. Sechovský 104–107 (1992) 11
- Hilscher, G., see G. Schaudy 104–107 (1992) 477
- Hilscher, G., see T. Holubar 104–107 (1992) 479
- Hilscher, G., see N. Pillmayr 104–107 (1992) 881
- Hilscher, G., see V. Petkov 109 (1992) 309
- Himpfel, F.J., Correlation between magnetic splitting and magnetic moment for 3d transition metals 102 (1991) 261
- Hines, W.A., see Y.D. Zhang 100 (1991) 13
- Hines, W.A., see D.P. Yang 109 (1992) 1
- Hinrichs, K., K. Herz, K. Knorr, H.-J. May, J. Pohl and W. Prandl, Experimental evidence for a second transition due to Ising ions in amorphous Heisenberg spin glasses 104–107 (1992) 1676
- Hippert, F., see L. Kandel 104–107 (1992) 2033
- Hippert, F., B. Hennion, J.-M. Mignot and P. Lejay, Magnetic excitations in the antiferromagnetic Kondo compound  $\text{CePd}_2\text{Si}_2$  108 (1992) 177
- Hirai, K., Electronic structure of spin density wave states in transition metals 104–107 (1992) 749
- Hirai, M., see K. Sato 104–107 (1992) 944
- Hiraoka, K., see Y. Makihara 96 (1991) 305
- Hiraoka, K., Y. Hukuda, K. Kojima and T. Hihara,  $^{31}\text{P}$  NMR study of dense Kondo compound  $\text{CeP}$  104–107 (1992) 655
- Hiraoka, T., see T. Takabatake 108 (1992) 155
- Hirayama, Y., see T. Takeuchi 104–107 (1992) 1803
- Hirota, K., see E.V. Sampathkumaran 108 (1992) 85
- Hirscher, M., see A. Forkl 93 (1991) 261
- Hisatake, K., see I. Matsubara 104–107 (1992) 427
- Hitti, B., see A. Schenck 108 (1992) 97
- Hjelm, A. and J.-L. Calais, Self-consistent band structure calculations including external magnetic fields 104–107 (1992) 727
- Hjelm, A. and J.-L. Calais, Calculations of cyclotron orbit areas, effective masses and  $g$ -factors for the alkali metals 110 (1992) 275
- Ho, H.P., see D. Greig 110 (1992) L239
- Ho, K.-Y., see X.-Y. Xiong 94 (1991) L29
- Ho, W.W., see F. Xing 94 (1991) 49
- Hoare, A., see Th. Orth 101 (1991) 235
- Hobby, P.C., see K. O'Grady 95 (1991) 341
- Hobson, E., see M. Soinski 101 (1991) 62
- Hoch, S., see F.E. Kayzel 101 (1991) 424
- Hock, B., see C. Brotzeller 104–107 (1992) 949
- Hock, R., J. Baruchel, H. Fuess, B. Antonini and P. Paroli, The spin reorientation transition in erbium iron garnet – a neutron and X-ray topographical study 104–107 (1992) 453
- Hock, S., see H.M. Mayer 97 (1991) 210
- Hock, S., see H.M. Mayer 104–107 (1992) 1295
- Hodges, J.A. and J.P. Sanchez, Sublattice interactions in the “green phase”  $\text{Yb}_2\text{BaCuO}_5$  92 (1990) 201
- Hodges, J.A., see P. Bonville 97 (1991) 178
- Hodges, J.A., P. Bonville, P. Imbert and G. Jéhanho,  $^{170}\text{Yb}^{3+}$  Mössbauer local probe measurements of Cu(2) correlations in  $\text{YBa}_2\text{Cu}_3\text{O}_x$  104–107 (1992) 551
- Hodges, J.A., see P. Bellot 108 (1992) 141
- Hoffmann, H., see M. Tewes 95 (1991) 43
- Hoffmann, H., see J. Zweck 104–107 (1992) 315
- Hoffmann, J., see B. Fischer 94 (1991) 79
- Hoffmann, M., O. von Geisau, S.A. Nikitov and J. Pelzl, 3D-imaging of magnetostatic modes using photothermally modulated FMR-technique 101 (1991) 140
- Hoggarth, C., see P. Cavallotti 104–107 (1992) 1216
- Hohlwein, D., see M. Winkelmann 104–107 (1992) 871
- Holc, J., see B. Saje 101 (1991) 357
- Holc, J., see S. Beseničar 104–107 (1992) 1175
- Holden, T.M., see K. Mikke 104–107 (1992) 718
- Holden, T.M., see H. Lin 104–107 (1992) 1511
- Holey, T., see M. Fähnle 104–107 (1992) 195
- Hollman, M.L.J., A.F.M. Arts and H.W. de Wijn, Dynamics of nonequilibrium large-wave-vector magnons in  $\text{MnF}_2$  104–107 (1992) 1063
- Holubar, T., see G. Schaudy 104–107 (1992) 477
- Holubar, T., G. Schaudy, N. Pillmayr, G. Hilscher, M. Divis and V. Nekvasil, Heat capacity of  $\text{Sm}_2\text{CuO}_4$  and  $\text{Sm}_{1.85}\text{Ce}_{0.15}\text{CuO}_4$  104–107 (1992) 479
- Holubar, T., see N. Pillmayr 104–107 (1992) 881
- Homburg, H., see B.-g. Shen 92 (1990) 53
- Homma, M., see W.C. Chang 109 (1992) 103
- Honda, K., see T. Ikeda 104–107 (1992) 1221
- Honda, S., see M. Nawate 104–107 (1992) 1861
- Hong, S.C., J.I. Lee and A.J. Freeman, Proximity effects of overlayers on surface magnetism: Al adsorbed on Fe(001) (*Letter to the Editor*) 99 (1991) L45
- Hong, S.C., J.I. Lee, Y.-R. Jang, B.I. Min and A.J. Freeman, Valence instability at the surface of rare-earth metals: samarium 104–107 (1992) 659
- Hong, S.C., see J.I. Lee 104–107 (1992) 1684
- Hong, T.M., Magnetic correlations in Kondo lattice problem 108 (1992) 91

- Hong, T.M. and G.A. Gehring, On the mean-field theory of antiferromagnetically ordered Kondo lattices 108 (1992) 93
- Hongu, H., see K. Sato 104–107 (1992) 1947
- Hono, K., Y. Maeda, J.-L. Li and T. Sakurai, Direct evidence for compositional fluctuation in sputtered Co–Cr thin films (*Letter to the Editor*) 110 (1992) L254
- Honshima, M., see T. Minowa 97 (1991) 107
- Hoon, S.R., G.R. Lawson, F. Thompson, B. Dean and R.W. Chantrell, Field dependent rf absorption spectra of particulate magnetic recording materials 104–107 (1992) 967
- Hoon, S.R., see P.R. Bissell 104–107 (1992) 1551
- Hoppe, J. and R. Tzscheuschler, A technology for the production of stratified magnetic bodies from amorphous magnetic materials 101 (1991) 81
- Hori, H., see T. Takeuchi 104–107 (1992) 813
- Hori, H., H. Mikami, M. Date, Y. Ajiro and N. Mori, Phase transition in  $\text{CsCoCl}_3$  and  $\text{CsCo}_{1-x}\text{Mg}_x\text{Cl}_3$  in magnetic fields 104–107 (1992) 815
- Hori, T., see H. Shiraishi 104–107 (1992) 2040
- Hori, T., H. Shiraishi, H. Kato, G. Kido and Y. Nakagawa, Magnetic properties of  $\text{M}_{7-x}\text{Mn}_x\text{Ge}_6$  ( $\text{M} = \text{Co}, \text{Fe}$ ) 104–107 (1992) 2043
- Hori, T., Y. Yamaguchi and Y. Nakagawa, Antiferromagnetic to ferromagnetic transition of hexagonal  $(\text{Mn}_{1-x}\text{Fe}_x)_3\text{Ge}$  104–107 (1992) 2045
- Horn, S., A. Mehner, C. Kämmerer, B. Seidel, C.D. Bredl, C. Geibel and F. Steglich, Transition from heavy-fermion behaviour to magnetic ordering in  $\text{CePtSi}_{1-x}\text{Ge}_x$  108 (1992) 205
- Horn, S., see C. Geibel 108 (1992) 209
- Horvat, J. and E. Babić, Reduction of loss in Metglas<sup>R</sup> 2714 alloy (*Letter to the Editor*) 92 (1990) L25
- Horvat, J. and E. Babić, The variation of the domain wall pinning strength with the depth within the  $\text{Co}_{74}\text{Fe}_6\text{B}_{20}$  amorphous alloy (*Letter to the Editor*) 96 (1991) L13
- Horvat, J., Reduction of loss using the pinning inhomogeneity in Co-based amorphous ribbons 101 (1991) 19
- Horvat, J., E. Babić and G.J. Morgan, Magnetization processes in amorphous ribbons influenced by electrical current in the ribbon 104–107 (1992) 359
- Horvat, J., G.J. Morgan and M.A. Howson, Process of magnetization in amorphous ribbons carrying an electric current 109 (1992) 191
- Horvat, J., see S. Sabolek 110 (1992) L25
- Horvat, J., E. Babić, K. Zadro and Ž. Marohnić, Frequency and peak magnetization dependence of the coercive field in Fe–Ni–B–Si amorphous alloys 110 (1992) 215
- Horvatić, B., see V. Zlatić 104–107 (1992) 593
- Horvatić, M., see W.G. Clark 104–107 (1992) 589
- Hoshi, K., see S. Murayama 104–107 (1992) 95
- Hosoito, N., see W. Kiauka 93 (1991) 494
- Hosoya, S., see C. Brotzeller 104–107 (1992) 949
- Hou, C.K. and P.C. Wang, Effects of composition and process variables on core loss and hardness of low carbon electrical steels 92 (1990) 109
- Hou, C.K., C.T. Hu and S. Lee, The effect of phosphorus on the core loss of lamination steels 109 (1992) 7
- Houdy, Ph., see F. Pierre 93 (1991) 131
- Houdy, Ph., see F. Pierre 104–107 (1992) 1033
- Houdy, Ph., see F. Giron 104–107 (1992) 1887
- Hoving, W., see S.t. Purcell 93 (1991) 25
- Hoving, W., see F.J.A. den Broeder 93 (1991) 562
- Howard, J.K., see P.I. Mayo 95 (1991) 109
- Howson, M.A., see J. Horvat 109 (1992) 191
- Howson, M.A., see D. Greig 110 (1992) L239
- Holyst, J.A., see H. Benner 104–107 (1992) 1077
- Holyst, J.A. and A. Sukiennicki, Chaotic dynamics of a damped classical spin 104–107 (1992) 2111
- Hrabčák, M., see É. Kisdi-Koszó 92 (1990) 181
- Hsia, Y., see Z. Hu 104–107 (1992) 1583
- Hsu, J.H., see A. Gavrin 104–107 (1992) 1351
- Hu, B., see W.z. Tang 94 (1991) 67
- Hu, C.T., see C.K. Hou 109 (1992) 7
- Hu, Z., J. Shen, Y. Chen, Y. Hsia and H. Zhai, The investigation of uniform spherical  $\alpha\text{-Ni}_{85}\text{P}_{15}$  ultrafine particles 104–107 (1992) 1583
- Huang, H.B., see H.R. Zhai 104–107 (1992) 1015
- Huang, H.L., see Y.T. Huang 94 (1991) 197
- Huang, M., E.M. Jackson, S.M. Bhagat, L.C. Gupta, A.K. Rajarajan and R. Vijayaraghavan, Effective zero field splitting in the ground doublet in  $\text{ErBa}_2\text{Cu}_3\text{O}_6$  97 (1991) 297
- Huang, M., see L.Y. Zhang 103 (1992) 245
- Huang, M.Q., Y. Zheng, K. Miller, J.M. Elbicki, S.G. Sankar, W.E. Wallace and R. Obermeyer, Magnetic properties of  $(\text{Sm}_{1-x}\text{R}_x)_2\text{Fe}_{17}\text{N}_y$  ( $\text{R} = \text{Ce}, \text{Nd}$  and mischmetal) 102 (1991) 91
- Huang, M.Q., see A.E. Clark 104–107 (1992) 1433
- Huang, R.-W., see Z.-W. Zhang 92 (1990) 196
- Huang, Y.R., see S.U. Jen 109 (1992) 91

- Huang, Y.T. and H.L. Huang, Characteristics of current film heads 94 (1991) 197
- Huang, Y.Y., G.P. Felcher and S.S.P. Parkin, Antiferromagnetic and ferromagnetic order in Co/Ru multilayers (*Letter to the Editor*) 99 (1991) L31
- Huber, J.G., see L.E. De Long 99 (1991) 171
- Hübner, R., H. Schewe, W. Zintl and R. Röckelein, Read/write characteristics in a perpendicular recording system 104–107 (1992) 965
- Hubsch, J., see G. Gavoille 102 (1991) 283
- Hubsch, J., see K. Cherifi 104–107 (1992) 1833
- Hui, H.D., see R. Clarke 93 (1991) 53
- Hukuda, Y., see K. Kojima 104–107 (1992) 49
- Hukuda, Y., see K. Hiraoka 104–107 (1992) 655
- Hulliger, F., see H. Brändle 93 (1991) 207
- Hulliger, F., see H. Aoki 97 (1991) 169
- Hulliger, F., see A. Dönni 104–107 (1992) 1204
- Hummeler, K., see M. Fähnle 104–107 (1992) 1931
- Hundley, M.F., see G. Aeppli 104–107 (1992) 507
- Hundley, M.F., see P.C. Canfield 108 (1992) 217
- Hung, M.P., see S.W. Yung 98 (1991) 341
- Hunt, M., see K. Satoh 104–107 (1992) 39
- Hunt, M., see K. Satoh 104–107 (1992) 1411
- Hunt, M., P. Meeson, P.-A. Probst, M. Springford and A. Wasserman, Evidence for the Anderson lattice model from dHvA studies in CeCu<sub>6</sub> 108 (1992) 127
- Hunter, G.J.A., see J.R. Brown 104–107 (1992) 207
- Hurdequint, H. and M. Malouche, FMR studies of Fe bilayers and multilayers (Ag/Fe)<sub>n</sub>: evidence for a dynamic intermagnetic layer coupling 93 (1991) 276
- Hurdequint, H., FMR studies of single Fe layers sandwiched by Ag 93 (1991) 336
- Hurley, D.P.F., see J.M.D. Coey 98 (1991) 76
- Hurley, D.P.F. and J.M.D. Coey, Structural and magnetic properties of the rare-earth iron nitride solution series Y<sub>2</sub>(Fe<sub>1-x</sub>Co<sub>x</sub>)<sub>17</sub>N<sub>3-δ</sub> 99 (1991) 229
- Hurley, D.P.F., see J.M.D. Coey 101 (1991) 310
- Hurley, D.P.F., see J.M.D. Coey 104–107 (1992) 1098
- Hutchings, C.W., see D.q. Li 99 (1991) 85
- Hutflesz, G., see E. Bauer 108 (1992) 159
- Hwang, A.M.H., see Y.J. Bi 99 (1991) 159
- Hwang, A.M.H., see Y.J. Bi 104–107 (1992) 1471
- Hwang, C., see D.q. Li 99 (1991) 85
- Iannarella, L., A.P. Guimarães and X.A. da Silva, Effect of a distribution of exchange parameters within a simple localized-itinerant model 102 (1991) 87
- Ibarra, M.R., see P.A. Algarabel 101 (1991) 111
- Ibarra, M.R., see A. del Moral 104–107 (1992) 1051
- Ibarra, M.R., L. Morellon, P.A. Algarabel and O. Moze, A determination of the crystal electric field and exchange parameters of Pr<sup>3+</sup> and Nd<sup>3+</sup> ions in RCo<sub>5</sub> intermetallics 104–107 (1992) 1149
- Ibarra, M.R., L. Morellon, P.A. Algarabel, C. Marquina, Z. Arnold and J. Kamarad, Pressure effects on the spin reorientation transitions in rare-earth intermetallics 104–107 (1992) 1371
- Ibarra, M.R., C. Marquina, C. Ritter and A.S. Pavlovic, Structural and magnetic phase diagram of the series (Tb<sub>x</sub>Y<sub>1-x</sub>)Cu 104–107 (1992) 1373
- Ibarra, M.R., B. García-Landa, C. Marquina, O. Moze, K.H.J. Buschow, T.H. Jacobs and A. Murani, Neutron spectroscopy of R<sub>2</sub>Zn<sub>17</sub> compounds 104–107 (1992) 1375
- Ibarra, M.R., see P.A. Algarabel 110 (1992) 323
- Ibarrondo, I., J. San Juan and J. González, Study of the incidence of the last annealing on the magnetic characteristics of high silicon (6.0–6.5%) crystalline ribbons directly obtained from the melted state by rapid quenching 101 (1991) 83
- Ichinose, K., F. Maruyama, M. Misawa, A. Tsujimura, H. Nagai and K. Adachi, Spin reorientations in (Nd<sub>1-x</sub>R<sub>x</sub>)<sub>2</sub>Co<sub>14</sub>B compounds 104–107 (1992) 1159
- Ichinose, K., see F. Maruyama 104–107 (1992) 1165
- Ichinose, N. and A. Quema, Preparation and superconducting properties of the Cd-substituted Bi–Sr–Ca–Cu–O system 104–107 (1992) 565
- Ichiyonagi, Y., see Y. Kimishima 104–107 (1992) 781
- Ido, H., see M. Kido 104–107 (1992) 705
- Ido, H., K. Konno, T. Ito, S.F. Cheng, S.G. Sankar and W.E. Wallace, Magnetic properties of RCo<sub>4</sub>M (R = Y, Nd and Ho; M = B, Al and Ga) II 104–107 (1992) 1361
- Ido, H., see K. Konno 104–107 (1992) 1369
- Ido, H. and T. Suzuki, Relation between temperature dependences of magnetic and crystallographic properties in MnAs<sub>0.75</sub>P<sub>0.25</sub> 104–107 (1992) 1939
- Idzerda, Y.U., see L.H. Tjeng 109 (1992) 288
- Idzikowski, B., see P. Czarnecki 101 (1991) 32
- Iga, F., Y. Nishihara, G. Kido and Y. Takeda, Mössbauer effect and high-field magnetization of BaFeO<sub>3-y</sub> 104–107 (1992) 1969
- Iga, F., Y. Nishihara, T. Katayama, K. Murata and Y. Takeda, Magnetic



- and transport properties of  $\text{BaFe-O}_{3-y}$  104–107 (1992) 1973
- Igarashi, J.-I. and P. Fulde, Spiral phase in doped antiferromagnets 104–107 (1992) 596
- Igarashi, J.-I. and A. Watabe, Quantum fluctuation in a two-dimensional Heisenberg antiferromagnet at zero temperature 104–107 (1992) 769
- Iglesias, J.R., see J.J. Arenzon 104–107 (1992) 1652
- Iglesias, J.R., see L.G. Brunet 108 (1992) 147
- Ignatchenko, V.A. and R.S. Iskhakov, Comments on the paper “dependence of the magnetization law on structural disorder in amorphous ferromagnets” by E.M. Chudnovsky 92 (1990) 265
- Ignatchenko, V.A. and E.Yu. Mironov, Magnetic structures with a finite number of domain walls 94 (1991) 170
- Ignatchenko, V.A., see I.V. Bogomaz 94 (1991) 179
- Ignatchenko, V.A. and E.Yu. Mironov, Processes of magnetization of a ferromagnet with a finite number of domain walls 103 (1992) 139
- Ignatenko, A.A., see S.N. Barilo 102 (1991) 30
- Ihara, K., see H. Sakakima 93 (1991) 349
- Ihle, D. and N.M. Plakida, Electrical resistivity in the Emery model:  $T^2$  versus  $T$  law in two dimensions 104–107 (1992) 511
- Iida, J., M. Tanaka and S. Funahashi, Magnetic property of single crystal  $\text{Lu}_2\text{Fe}_3\text{O}_7$  104–107 (1992) 827
- Iida, T., T. Saito, K. Shinagawa and T. Tsushima, Field-induced spin reorientation in  $\text{Nd}_2\text{Fe}_{14}\text{B}$  and  $\text{Er}_2\text{Fe}_{14}\text{B}$  104–107 (1992) 1363
- Iio, K., see T. Mitsui 104–107 (1992) 819
- Iio, K., see H. Tanaka 104–107 (1992) 829
- Iio, K., see K. Kakurai 104–107 (1992) 857
- Ikeda, H., see M. Motokawa 104–107 (1992) 947
- Ikeda, K., S.K. Dhar, M. Yoshizawa and K.A. Gschneidner Jr., Quenching of spin fluctuations by high magnetic fields 100 (1991) 292
- Ikeda, S., see J. Sakurai 104–107 (1992) 1415
- Ikeda, T., N. Iwata, K. Honda and T. Shigeoka, Magnetization and anisotropy in  $\text{ErFe}_2$  104–107 (1992) 1221
- Ikeda, Y., see K. Iwauchi 96 (1991) 261
- Iki, K., see G. Oomi 104–107 (1992) 2075
- Iki, K., G. Oomi, Y. Uwatoko, C. Sekine, T. Sakakibara and Y. Miyako, Anomalous thermal expansion of  $\text{Ce}(\text{Ru}_{1-x}\text{Rh}_x)_2\text{Si}_2$  under high pressure 108 (1992) 100
- Il’Yashenko, E.I., I.N. Kondrat’yev and G.N. Selin, The domain structure and hysteresis of Ni–Fe rectangular film elements with low induced anisotropy 93 (1991) 143
- Imada, S. and T. Jo, Magnetic states of cobalt oxide and ferrites and magnetic dichroism in 2p–3d X-ray absorption spectroscopy 104–107 (1992) 2001
- Imaeda, Y., see T. Myojin 104–107 (1992) 1195
- Imaeda, Y., see M. Hayashi 104–107 (1992) 1225
- Imbert, P., see P. Bonville 97 (1991) 178
- Imbert, P., see J.A. Hodges 104–107 (1992) 551
- Imbert, P., see P. Bellot 108 (1992) 141
- Inami, T., see S. Kawano 104–107 (1992) 791
- Indeck, R.S., see Guo Mian 96 (1991) 248
- Ings, J.B., see M. Pardavi-Horvath 104–107 (1992) 433
- Ino, H., see K. Yano 104–107 (1992) 131
- Inomata, K., S. Hashimoto and K. Yusu, Magneto-optical properties of Pt/Co multilayered films with modulated layer structure 110 (1992) 233
- Inoue, J., Stability of the antiferromagnetic structures in the intermetallic compounds 104–107 (1992) 757
- Inoue, J., A. Oguri and S. Maekawa, Magnetoresistance in metallic superlattices 104–107 (1992) 1883
- Inoue, M., K. Sadahiro and H. Negishi, Transport studies on relaxation behavior in spin-glass phase of itinerant magnetic intercalate  $\text{Fe}_x\text{TiS}_2$  98 (1991) 60
- Inoue, T., see H. Wada 104–107 (1992) 693
- Iraldi, R., see J. Lamazares 104–107 (1992) 997
- Irvine, J.T.S., see R. Valenzuela 104–107 (1992) 395
- Isaacs, E.D., see W. Wei 108 (1992) 77
- Ishi, T., see Y. Gondō 93 (1991) 43
- Ishibashi, H., see Y. Teraoka 104–107 (1992) 1701
- Ishida, S. and K. Kitawatase, Electronic structures and magnetic properties of iron nitrides 104–107 (1992) 1933
- Ishihara, A., see K. Nagata 104–107 (1992) 1571
- Ishii, H. and K. Akai, Conduction electrons accompanied by virtual excitation of crystal field states 104–107 (1992) 1457
- Ishii, T., see K. Sugiyama 104–107 (1992) 1223
- Ishii, Y., T. Okamoto and H. Nishina, Particle length and orientation distributions in magnetic recording media 98 (1991) 210
- Ishikawa, M., see E.V. Sampathkumaran 108 (1992) 85
- Ishikawa, Y., see K. Tenya 104–107 (1992) 485
- Ishimoto, K., see S. Kawamata 104–107 (1992) 51
- Ishimoto, K., see S. Kawamata 104–107 (1992) 53
- Ishio, S., see T. Miyazaki 98 (1991) L7
- Ishio, S., see T. Miyazaki 103 (1992) 13
- Ishio, S., S. Negami, T. Obara, T. Miyazaki, T. Kamimori, H. Tange and M. Goto, Magnetization and magnetovolume effect of an amorphous  $\text{Gd}_{80}\text{Si}_{12}\text{B}_8$  alloy 104–107 (1992) 143
- Isikawa, Y., see M. Kasaya 104–107 (1992) 665

- Isikawa, Y., see I.S. Oliveira 104–107 (1992) 1265  
 Isikawa, Y., see K. Maezawa 104–107 (1992) 1365  
 Isikawa, Y., see K. Sato 104–107 (1992) 1435  
 Isikawa, Y., K. Mori, K. Kamigaki, T. Mizushima, K. Oyabe, S. Ueda and K. Sato, The dense Kondo effect in ternary intermetallic compounds Ce–Ni–Al 108 (1992) 157  
 Iskhakov, R.S., see V.A. Ignatchenko 92 (1990) 265  
 Isnard, O., see F.J. Lázaro 101 (1991) 372  
 Isnard, O., see J. Bartolomé 101 (1991) 411  
 Isnard, O., S. Miraglia, D. Fruchart and J. Deportes, Magnetization properties of  $\text{RE}_2\text{Fe}_{17}\text{H}_x$  compounds: RE = Nd, Ce, Ho 103 (1992) 157  
 Isnard, O., see J. Chaboy 104–107 (1992) 1171  
 Isnard, O., C. Kolbeck, S. Miraglia, J.L. Soubeyroux, D. Fruchart, E. Tomey, C. Rillo and M. Guillot, Structural,  $\chi_{ac}$  susceptibility and high magnetic field characterization of the new hard magnetic nitrides  $\text{R}_2\text{Fe}_{17}\text{N}_x$  104–107 (1992) 2003  
 Isoda, M., Magnetic-metal to paramagnetic–insulator transition in modified Anderson model 104–107 (1992) 41  
 Isoda, Y., see H. Aoki 104–107 (1992) 1905  
 Iozumi, Y., see T. Fujii 92 (1990) 261  
 Itji, H., see J. Filippi 104–107 (1992) 165  
 Ito, A., see T. Futakata 104–107 (1992) 729  
 Ito, A., see A. Seidel 104–107 (1992) 1599  
 Ito, A., see K. Gunnarsson 104–107 (1992) 1607  
 Ito, A., S. Ebii, H. ArugaKatori and T. Goto, Study of Ising system  $\text{Fe}_x\text{Mn}_{1-x}\text{TiO}_3$  with exchange frustrations by observing magnetization process 104–107 (1992) 1635  
 Ito, A., H. Kawano, H. Yoshizawa and K. Motoya, Magnetic properties and phase diagram of  $\text{Ni}_x\text{Mn}_{1-x}\text{TiO}_3$  104–107 (1992) 1637  
 Ito, A., see H. Aruga Katori 104–107 (1992) 1639  
 Ito, M., see N. Iwata 104–107 (1992) 27  
 Ito, N., see N. Kawashima 104–107 (1992) 1663  
 Ito, S., see T. Sato 104–107 (1992) 1625  
 Ito, T., see H. Ido 104–107 (1992) 1361  
 Itoh, A., see K. Nakagawa 104–107 (1992) 1007  
 Itoh, A., see T. Sugimoto 104–107 (1992) 1845  
 Itoh, K., see K. Hara 92 (1990) 68  
 Itoh, K., K. Hara, M. Kamiya, H. Fujiwara, K. Okamoto and T. Hashimoto, Magnetic analysis of columnar grain structure of obliquely deposited cobalt films 94 (1991) 235  
 Itoh, K., Magnetic anisotropy in nickel and cobalt films obliquely deposited by sputtering 95 (1991) 237  
 Itoh, K., see K. Hara 102 (1991) 247  
 Itoh, K. and K. Kanematsu, Mössbauer studies on the hydrogenation effect in ferromagnetic C15-type compounds  $\text{Y}_{1-x}\text{Zr}_x\text{Fe}_2$  104–107 (1992) 1279  
 Itoh, S., Y. Endoh, S. Taketomi and S. Chikazumi, Determination of intraparticle structure of magnetite particles in a solvent by contrast variation method using polarized neutrons 103 (1992) 126  
 Iudica, A., see P.L. Cavallotti 104–107 (1992) 905  
 Ivanov, B., see A. Maziewski 104–107 (1992) 361  
 Ivanov, B.A., see Yu.N. Mitzay 110 (1992) 80  
 Ivanov, C.I., N. Tyutyulkov and S. Karabunarliev, On the effective spin exchange in non-classical organic polymers 92 (1990) 171  
 Ivanov, M.A., V.M. Loktev and Yu.G. Pogorelov, On a theory of relaxation of spin excitations in magnets with long range impurity states 99 (1991) 323  
 Ivanov, P. and M. Mikhov, The transformation  $\gamma\text{-Fe}_2\text{O}_3\text{-}\alpha\text{-Fe}_2\text{O}_3$ : experiment and model 104–107 (1992) 417  
 Ivanov, V., see L. Vinokurova 99 (1991) 193  
 Ivanov, V., L. Vinokurova and A. Szytuła, Influence of external pressure on magnetic phase transitions in  $\text{NdRu}_2\text{Ge}_2$  (*Letter to the Editor*) 110 (1992) L259  
 Ivison, P.K., see R.A. Cowley 104–107 (1992) 159  
 Iwakawa, S., see T. Fukuhara 104–107 (1992) 667  
 Iwasaki, H., see S. Kawamata 104–107 (1992) 53  
 Iwasaki, H., see S. Kawamata 104–107 (1992) 55  
 Iwashita, K., see K. Segawa 104–107 (1992) 1233  
 Iwata, N., M. Nishikawa and T. Shigeoka, Molecular field calculations of the magnetization process in CeBi 99 (1991) 209  
 Iwata, N., M. Ito, T. Kishino, H. Fujii, T. Shigeoka, K. Sugiyama and A.M. Date, Model for the magnetic transition in UPdIn 104–107 (1992) 27  
 Iwata, N., see K. Takeda 104–107 (1992) 901  
 Iwata, N., see T. Ikeda 104–107 (1992) 1221  
 Iwata, N., see T. Shigeoka 104–107 (1992) 1229  
 Iwata, S., see G.Q. Di 104–107 (1992) 1023  
 Iwata, Y., see K. Yamagata 104–107 (1992) 849  
 Iwauchi, K. and Y. Ikeda, Magnetic properties of  $\text{Ba}_{1-x}\text{Sr}_x\text{Ti}_{2-y}\text{Sn}_y\text{Fe}_4\text{O}_{11}$  96 (1991) 261  
 Iwazumi, T., see H. Maruyama 104–107 (1992) 2055  
 Jaccard, D., see P. Bonville 97 (1991) 178  
 Jaccard, D., see R. Cibir 108 (1992) 107  
 Jaccard, D., see K. Behnia 108 (1992) 133  
 Jaccarino, V., see H. Ohta 104–107 (1992) 1741  
 Jackson, E.M., see M. Huang 97 (1991) 297  
 Jacobs, T.H., see K.H.J. Buschow 92 (1990) L35  
 Jacobs, T.H., see X.P. Zhong 92 (1990) 46

- Jacobs, T.H., see M.W. Dirken 94 (1991) L15
- Jacobs, T.H., see P.C.M. Gubbens 97 (1991) 69
- Jacobs, T.H., see A.A. Moolenaar 101 (1991) 395
- Jacobs, T.H., see P.C.M. Gubbens 104–107 (1992) 1113
- Jacobs, T.H., K.H.J. Buschow, G.F. Zhou, J.P. Liu, X. Li and F.R. de Boer, Magnetic behaviour of Al and Mn substituted  $Gd_2Fe_{17}$  compounds 104–107 (1992) 1275
- Jacobs, T.H., see A.V. Andreev 104–107 (1992) 1305
- Jacobs, T.H., see Cz. Kapusta 104–107 (1992) 1331
- Jacobs, T.H., see Cz. Kapusta 104–107 (1992) 1333
- Jacobs, T.H., see M.R. Ibarra 104–107 (1992) 1375
- Jacoud, J.L., L.P. Regnault, J.M. Mignod, J. Rossat-Mignod, J. Flouquet and P. Lejay, Inelastic neutron scattering study of magnetic fluctuations in the heavy-fermion compound  $Ce_{0.8}La_{0.2}Ru_2Si_2$  108 (1992) 131
- Jacquier, C. and D. Autissier, Rare-earth substitutions in Z-type hexaferrites 104–107 (1992) 419
- Jadhav, S.R., see R.S. Patil 102 (1991) 51
- Jagannathan, A., The nature of middle-range spin–spin interactions in metallic alloys 104–107 (1992) 1673
- Jahn, L., see K. Elk 101 (1991) 387
- Jahn, L., R. Scholl and D. Eckert, Vibrating sample vector magnetometer coils 101 (1991) 389
- Jahn, L., see K. Elk 102 (1991) 159
- Jahn, L., see V. Christoph 104–107 (1992) 1121
- Jahnes, C.V., see B.C. Webb 104–107 (1992) 973
- Jahnes, C.V., see M.A. Russak 104–107 (1992) 1847
- Jahnes, C.V., see M.A. Russak 104–107 (1992) 1851
- Jahnke, H.G., G. Schmidt and H. Strese, Three-dimensional magnetic head investigations 92 (1990) 271
- Jahnke, R., see W. Grünberger 101 (1991) 173
- Jaimes, E., see J. Lamazares 104–107 (1992) 997
- Jaitner, H., see H. Tietze-Jaensch 104–107 (1992) 897
- Jaitner, H., see C. Brotzeller 104–107 (1992) 949
- Jakubovics, J.P., see M. Labrune 104–107 (1992) 343
- Jakubovics, J.P., see A. Aharoni 104–107 (1992) 353
- Jakubovics, J.P., see D.H.L. Ng 104–107 (1992) 355
- Jakubovics, J.P., see A.D. Beale 104–107 (1992) 365
- Jakubovics, J.P., see C.D. Meekison 104–107 (1992) 1161
- Jakusch, H., see Th. Orth 101 (1991) 235
- Jalishev, J., see S. Burmistrov 96 (1991) 349
- Jalishev, J., V. Pokazan'ev, I. Jeberlaev, K. Lukash and O. Troshin, Oscillation spectrum of straight  $180^\circ$  domain walls containing a vertical Bloch line 102 (1991) 208
- James, W.J., see D.E. Tharp 104–107 (1992) 1477
- Jančárik, V., see J. Sláma 101 (1991) 102
- Jang, Y.-R., see S.C. Hong 104–107 (1992) 659
- Jankowska-Kisielinska, J., see K. Mikke 104–107 (1992) 718
- Jankowski, H., see L.J. Maksymowicz 93 (1991) 435
- Jankowski, H., see L.J. Maksymowicz 109 (1992) 341
- Janse, E.W., see H.J.M. Swagten 104–107 (1992) 989
- Jansen, A.G.M., see V.S. Amaral 104–107 (1992) 2079
- Japiassu, G.M., M.A. Continentino and A. Troper, Superconductivity in two-band systems: application to transition metals and high  $T_c$  materials 104–107 (1992) 1945
- Jardim, R.F., see M.S. Torikachvili 104–107 (1992) 69
- Jarén, J., see S. Vieira 110 (1992) 129
- Jarlborg, T., see J. Sjöström 98 (1991) 85
- Jarlborg, T., see E.G. Moroni 104–107 (1992) 711
- Jaroszewicz, A. and A. Sukiennicki, Three routes to chaos in a Heisenberg chain of spins 104–107 (1992) 867
- Jarvis, W.R.A., see G.C. DeFotis 104–107 (1992) 187
- Jarvis, W.R.A., see E.W. Harlan 104–107 (1992) 189
- Jarvis, W.R.A., see G.C. DeFotis 104–107 (1992) 1603
- Jassim, I.K., K.-U. Neumann, D. Visser, P.J. Webster and K.R.A. Ziebeck, Magneto-elastic distortions in Heusler alloys 104–107 (1992) 2072
- Jaswal, S.S. and A.A. Kusov, Magnetic anisotropy in  $R_2Fe_{14}B$  compounds (*Letter to the Editor*) 109 (1992) L151
- Jay, J.P., see D. Muller 104–107 (1992) 1873
- Jean, A., see B.A. Lombos 93 (1991) 391
- Jeandey, C., see J.L. Oddou 104–107 (1992) 1987
- Jeberlaev, I., see J. Jalishev 102 (1991) 208
- Jędryka, E., M. Wójcik and P. Panisod, Two magnetic states of Nd in  $Nd_2(CoFe)_{14}B$  –  $^{145}Nd$  NMR study 104–107 (1992) 1405
- Jehan, D.A., D.F. McMorro, R.A. Cowley and G.J. McIntyre, The magnetic structure of holmium in an applied magnetic field 104–107 (1992) 1523
- Jéhanno, G., see P. Bonville 97 (1991) 178
- Jéhanno, G., see J.A. Hodges 104–107 (1992) 551
- Jéhanno, G., see P. Bellot 108 (1992) 141
- Jen, S.U., C.Y. Lee, Y.D. Yao and K.C. Lee, Magnetic properties of ultra-fine iron particles 96 (1991) 82
- Jen, S.U., see S.J. Tzeng 104–107 (1992) 889
- Jen, S.U., Y.R. Huang and T.P. Chen, Magnetic and electrical properties of Co–Ni–Pd alloys 109 (1992) 91
- Jenkins, R.C.L., see J.R. Brown 104–107 (1992) 207
- Jenko, M., see F. Vodopivec 97 (1991) 281
- Jenner, A.G.I., see R.D. Greenough 101 (1991) 75
- Jennett, N.M. and D.J. Dingley, Structure and magnetism of  $Ni_n/Fe_n$  multilayers 93 (1991) 472



- Jensen, J. and A.R. Mackintosh, Novel magnetic phases in holmium 104–107 (1992) 1481
- Ji, S.Q., see F.E. Kayzel 101 (1991) 424
- Ji, S.Q., see J.-z. Liang 102 (1991) 217
- Ji, S.Q., see N. Tang 104–107 (1992) 1086
- Jia, Y.X., see T.W. Clinton 104–107 (1992) 625
- Jiang, S.t., see R.w. Gao 95 (1991) 205
- Jiles, D.C., see A.R. Eichmann 104–107 (1992) 375
- Jiles, D.C., see M.K. Devine 104–107 (1992) 377
- Jiles, D.C., see D.A. Kaminski 104–107 (1992) 382
- Jiles, D.C., see L.B. Sipahi 104–107 (1992) 385
- Jiles, D.C., see J.B. Thoele 104–107 (1992) 1453
- Jiles, D.C., see R. Chung 104–107 (1992) 1455
- Jimbo, M., E. Sobue, S. Tsunashima and S. Uchiyama, Soft magnetic properties of Fe/CoZr multilayer films 104–107 (1992) 1829
- Jimenez, C., see M. Artigas 104–107 (1992) 1993
- Jin, H.-m., see X.-f. Han 102 (1991) 151
- Jin, S., see S.K. Chen 110 (1992) 65
- Jirásková, Y., see O. Schneeweiss 103 (1992) 250
- Jirman, L., V. Sechovský, L. Havela, W. Ye, T. Takabatake, H. Fujii, T. Suzuki, T. Fujita, E. Brück and F.R. De Boer, Magnetic and transport properties of UNiGa 104–107 (1992) 19
- Jirman, L., see H. Maletta 104–107 (1992) 21
- Jirsa, M., L. Půst and J. Kadlecová, Flux creep in YBaCuO single crystal observed on hysteresis loops and magnetic moment time relaxation 101 (1991) 105
- Jo, T., see S. Imada 104–107 (1992) 2001
- Jo, T., A. Yoshida and G.A. Sawatzky, Ground state of ferromagnetic nickel and magnetic circular dichroism in 2p and 3p core X-ray absorption spectroscopies 104–107 (1992) 2087
- Johansson, B., see S. Auluck 104–107 (1992) 35
- Johansson, B., see T. Gasche 104–107 (1992) 37
- Johansson, B., see L. Severin 104–107 (1992) 745
- Johansson, B., see L. Nordström 104–107 (1992) 1378
- Johansson, B., see M.S.S. Brooks 104–107 (1992) 1381
- Johansson, B., see J. Trygg 104–107 (1992) 1447
- Johansson, B., see M.S.S. Brooks 104–107 (1992) 1496
- Johansson, B., see L. Nordström 104–107 (1992) 1942
- Johansson, B., see P. Söderlind 104–107 (1992) 2037
- Johansson, C., see M. Hanson 101 (1991) 45
- Johnson, A.D., see J.A.C. Bland 93 (1991) 331
- Johnson, A.D., see J.A.C. Bland 93 (1991) 513
- Johnson, A.D., see J.A.C. Bland 104–107 (1992) 1798
- Johnson, C.E., see Q.A. Pankhurst 97 (1991) 126
- Johnson, C.E., see S. Suhran 104–107 (1992) 879
- Johnson, C.E., see G.R. Thompson 104–107 (1992) 893
- Johnson Jr., D.W., see S.K. Chen 110 (1992) 65
- Johnson, M.T., see O.J. Wimmers 96 (1991) 97
- Johnson, M.T., see P.J. van der Zaag 99 (1991) L1
- Johnson, M.T., see E.G. Visser 101 (1991) 143
- Johnson, M.T., P.J. Van der Zaag, A. Noordermeer, E.G. Visser, P.T. Por and M.Th. Rekvelde, Magnetic permeability and intra-granular domain structure in polycrystalline ferrites 104–107 (1992) 421
- Johnston, D.C., Normal state magnetism of the high  $T_c$  cuprate superconductors 100 (1991) 218
- Jones, D.G.R., J.S. Abell and I.R. Harris, Magnetic properties of giant magnetostrictive Terfenol-D processed by hydrogen decrepitation 104–107 (1992) 1468
- Jones, D.L., see C.C. Tang 103 (1992) 86
- Joo, S., Y. Obi, K. Takanashi and H. Fujimori, Anomalous low-angle X-ray diffraction in sputter-deposited Fe/Cr multilayers and its relation to the giant magnetoresistance 104–107 (1992) 1753
- Jorat, L., see O. Derriche 102 (1991) 255
- Joss, W., see H. Aoki 97 (1991) 169
- Joss, W., see W. Bauhofer 104–107 (1992) 1243
- Jotania, R.B., see J. Nogués 99 (1991) 275
- Joubert, J.C., see S. Ram 99 (1991) 133
- Joubert, J.C., see J.L. Deschanvres 101 (1991) 224
- Jove, J., see J.L. Dormann 104–107 (1992) 1567
- Joven, E., see A. Del Moral 104–107 (1992) 243
- Joyce, J.J., see J.M. Lawrence 108 (1992) 215
- Joynt, R., The phase diagram of UPt<sub>3</sub>: a status report 108 (1992) 31
- Judy, J.H., see T. Yeh 104–107 (1992) 1879
- Jung, H., see E. Tönsing 97 (1991) 316
- Jurczyk, M., G.K. Nicolaidis and K.V. Rao, Spin re-orientations in Nd-(Fe,Co)<sub>10</sub>V<sub>2</sub> system (*Letter to the Editor*) 94 (1991) L6
- Jurczyk, M., G.K. Nicolaidis and K.V. Rao, Magnetic phase transitions in some Nd-Fe-M-Co-B magnetic materials (M = V, Mo or Re) 104–107 (1992) 1193
- Jurisch, F. and N. Hildebrand, The anisometer – a sensitive measuring device for testing electrical steels 101 (1991) 301
- Juszczyk, S. and M. Gogołowicz, The valence of Cu and Cr ions in Zn<sub>1-x</sub>Cu<sub>x</sub>Cr<sub>2</sub>Se<sub>4</sub> spinel system 92 (1991) 388
- Juszczyk, S., Pulsed fields for measurements of  $H_{c2}$  in high- $T_c$  superconductors 101 (1991) 276
- Kaabouchi, M., see R. Krishnan 93 (1991) 174
- Kaabouchi, M., see R. Zuberek 101 (1991) 219
- Kaabouchi, M., see R. Krishnan 104–107 (1992) 1822
- Kaboš, P., see A. Grusková 101 (1991) 227
- Kaczkowski, Z. and M. Müller, dependence of elasticity moduli on magnetic bias field of the Fe<sub>73.5</sub>Cu<sub>1</sub>Nb<sub>3</sub>

- Si<sub>16.5</sub>B<sub>6</sub> alloy before nanocrystallization 101 (1991) 21
- Kaczkowski, Z. and P. Duhaj, Elasticity moduli dependences on magnetic field for Fe<sub>80.2</sub>Cr<sub>2</sub>Si<sub>3.8</sub>B<sub>14</sub> metallic glass 101 (1991) 23
- Kaczkowski, Z., E. Kisdi-Koszó and L. Potocký, Influence of the casting in magnetic field and of annealing history on the magnetomechanical coupling in the Fe<sub>79</sub>Cr<sub>6.6</sub>B<sub>14.4</sub> metallic glass 101 (1991) 25
- Kaczkowski, Z., Influence of annealing near the crystallization temperature on magnetomechanical coupling in Fe–Ni–B–P metallic glass 101 (1991) 27
- Kaczmarek, W.A., R. Bramley and A. Calka, Magnetic structure rearrangement induced by heat treatment of Ni<sub>73</sub>Mn<sub>5</sub>Si<sub>10</sub>B<sub>12</sub> glassy ribbons 96 (1991) 341
- Kadam, S.M., see S.H. Patil 110 (1992) 147
- Kadlecová, J., see M. Jirsa 101 (1991) 105
- Kagalovsky, V.A., Non-uniform ferromagnetic resonance in slabs with surface roughness 109 (1992) 293
- Kagawa, M., see N. Sato 104–107 (1992) 31
- Kagawa, M., see N. Sato 108 (1992) 115
- Kagayama, T., G. Oomi, H. Takahashi, N. Mori, Y. Ōnuki and T. Komatsubara, Crossover from concentrated Kondo to intermediate valence state in CeInCu<sub>2</sub> 108 (1992) 103
- Kähkönen, O.-P., see M. Talvitie 102 (1991) 323
- Kahle, H.G., see O. Göser 92 (1990) 129
- Kahle, H.G., see B. Fischer 94 (1991) 79
- Kahle, H.G. and W. Paul, A detailed investigation of the magnetic phases of Ho<sub>2</sub>O<sub>2</sub>SO<sub>4</sub> 104–107 (1992) 1185
- Kahle, H.G. and A.U. Müller, Investigation of the divers structural and magnetic low-temperature phases of TbPO<sub>4</sub> 104–107 (1992) 1187
- Kahn, O., see E. Codjovi 104–107 (1992) 2103
- Kahrizi, M., see M.O. Steinitz 104–107 (1992) 1531
- Kaiser, D.L., see L.H. Bennett 104–107 (1992) 539
- Kakatkar, S.V., see R.S. Patil 102 (1991) 51
- Takehashi, Y., On the anomalous forced volume magnetostriction of the re-entrant spin glasses in Fe-rich amorphous alloys 103 (1992) 78
- Takehashi, Y. and H. Tanaka, Geometrical-mean model in amorphous magnetic alloys 104–107 (1992) 91
- Takehashi, Y., Monte-Carlo approach to the dynamical coherent-potential approximation in metallic magnetism 104–107 (1992) 677
- Takehashi, Y., New magnetism in amorphous transition metals and alloys 104–107 (1992) 2085
- Kakuno, K. and H. Koga, Surface mode magnetoelastic waves along the surface of iron-rich metal-metalloid foils at X-band FMR 104–107 (1992) 1709
- Kakurai, K., see H.M. Mayer 97 (1991) 210
- Kakurai, K., see M. Enderle 104–107 (1992) 809
- Kakurai, K., K. Nakajima, Y. Endoh, K. Iio, H. Tanaka and M. Steiner, Magnetic correlations in the quasi one-dimensional antiferromagnetic ABX<sub>3</sub> systems 104–107 (1992) 857
- Kalantarian, V.P., see S.S. Karneeva 110 (1992) 327
- Kaldis, E., see P. Erhart 104–107 (1992) 487
- Kaldis, E., see J.C. Martinez 104–107 (1992) 601
- Kalikmanov, V.I., P.P.J.M. Schram and S.V. Zybin, Parametric resonance in suspensions of superconducting particles 110 (1992) 91
- Kalk, A., H. Pinkvos, Ch. Schwink, F.N. Gyga and A. Schenck, Importance of the structural state of CuMn and AuMn for the spin freezing process–susceptibility and  $\mu$ SR-studies 102 (1991) 184
- Kallias, G., see M. Pissas 104–107 (1992) 571
- Kalvius, G.M., see I. Yaar 104–107 (1992) 63
- Kamarad, J., see M.R. Ibarra 104–107 (1992) 1371
- Kamata, N., see K. Yamada 104–107 (1992) 991
- Kamberský, V., see J. Šimšová 101 (1991) 196
- Kamberský, V., The Schäfer–Hubert magneto-optical effect and classical gyrotropy in light-wave equations 104–107 (1992) 311
- Kamberský, V., J.F. Cochran and J.M. Rudd, Anisotropic low-temperature FMR linewidth in nickel and the theory of ‘anomalous’ damping 104–107 (1992) 2089
- Kameda, M. and H. Miyajima, Thermal fluctuation aftereffect in Nd–Fe–B melt-spun ribbons 104–107 (1992) 1115
- Kamieniarz, G., see R. Dekeyser 104–107 (1992) 273
- Kamieniarz, G., R.W. Gerling, L.S. Campana, A. Caramico D’Auria, F. Esposito and U. Esposito, Thermodynamic properties of some  $S = 1$  soliton-bearing and Haldane-like systems 104–107 (1992) 865
- Kamieniarz, G., see H. Grille 104–107 (1992) 1067
- Kamigaki, K., see Y. Isikawa 108 (1992) 157
- Kamimori, T., see S. Ishio 104–107 (1992) 143
- Kamimori, T., K. Takai and M. Goto, Variation of easy magnetization direction in Y<sub>2</sub>Fe<sub>17–y</sub>Si<sub>x</sub>C<sub>8</sub> 104–107 (1992) 1219
- Kamimori, T., see M. Goto 104–107 (1992) 1789
- Kamimori, T., see H. Tange 109 (1992) 169
- Kamimura, T., M. Sato, H. Takahashi, N. Mori, H. Yoshida and T. Kaneko,

- Pressure-induced phase transition in Fe–Se and Fe–S systems with a NiAs-type structure 104–107 (1992) 255
- Kamimura, T., see M. Sato 104–107 (1992) 1961
- Kaminski, D.A., D.C. Jiles, S.B. Biner and M.J. Sablik, Angular dependence of the magnetic properties of polycrystalline iron under the action of uniaxial stress 104–107 (1992) 382
- Kamiński, M., see J. Dutka 104–107 (1992) 579
- Kamiya, M., see K. Hara 92 (1990) 68
- Kamiya, M., see K. Itoh 94 (1991) 235
- Kamiya, M., see K. Hara 102 (1991) 247
- Kämmerer, C., see S. Horn 108 (1992) 205
- Kämmerer, C., see C. Geibel 108 (1992) 207
- Kämmerer, C., see C. Geibel 108 (1992) 209
- Kammlott, G.W., see S.K. Chen 110 (1992) 65
- Kanashiro, T., see T. Ohno 104–107 (1992) 2027
- Kanbe, S., see K. Zenmyo 104–107 (1992) 1615
- Kandaurova, G.S., V.N. Maltsev and V.H. Osadchenko, An asymmetrical magneto-optic diffraction in anisotropic media 109 (1992) 332
- Kandel, L. and F. Hippert, Magnetic properties of icosahedral  $\text{Al}_{73}(\text{Mn}_x(\text{Fe}_{0.5}\text{Cr}_{0.5})_{1-x})_{21}\text{Si}_6$  and decagonal  $\text{Al}_{80}(\text{Mn}_x(\text{Fe}_{0.5}\text{Cr}_{0.5})_{1-x})_{20}$  phases 104–107 (1992) 2033
- Kaneko, K., see K. Yamagata 104–107 (1992) 803
- Kaneko, T., see T. Kamimura 104–107 (1992) 255
- Kaneko, T., see Y. Adachi 104–107 (1992) 887
- Kaneko, T., see H. Yasui 104–107 (1992) 927
- Kaneko, T., see M. Ohashi 104–107 (1992) 1383
- Kaneko, T., see K. Yagasaki 104–107 (1992) 1389
- Kaneko, T., see S. Abe 104–107 (1992) 1397
- Kaneko, T., S. Abe, S. Sakurada, H. Yoshida, G. Kido and Y. Nakagawa, Field induced transitions in intermetallic compounds ErAg and HoAg 104–107 (1992) 1401
- Kaneko, T., see S. Abe 104–107 (1992) 1403
- Kaneko, T., H. Yasui, Y. Nakagawa and T. Kanomata, Field-induced magnetic transitions in intermetallic compound MnRhAs 104–107 (1992) 1949
- Kaneko, T., H. Yasui, T. Kanomata and T. Suzuki, Pressure effect on the Curie temperature and exchange striction of  $\text{LaMn}_2\text{Ge}_2$  104–107 (1992) 1951
- Kaneko, T., see T. Harada 104–107 (1992) 1955
- Kaneko, T., see T. Kanomata 104–107 (1992) 1957
- Kaneko, T., see S. Ohta 104–107 (1992) 1979
- Kaneko, T., see H. Yoshida 104–107 (1992) 1983
- Kaneko, T., see S. Abe 104–107 (1992) 2059
- Kaneko, T., see M. Matsumoto 104–107 (1992) 2061
- Kaneko, T., see T. Kanomata 104–107 (1992) 2063
- Kanematsu, K., see K. Itoh 104–107 (1992) 1279
- Kaneyoshi, T., Magnetic properties of a mixed spin Ising model with random nearest-neighbor interactions 92 (1990) 59
- Kaneyoshi, T., Effects of applied field on magnetic properties in the Blume–Emery–Griffiths model 95 (1991) 157
- Kaneyoshi, T. and T. Aoyama, Effective-field treatments of the spin- $\frac{1}{2}$  Ising model with four-spin interactions 96 (1991) 67
- Kaneyoshi, T., Surface magnetic properties of an amorphous semi-infinite ferromagnet 98 (1991) 185
- Kaneyoshi, T. and J.C. Chen, Mean-field analysis of a ferrimagnetic mixed spin system 98 (1991) 201
- Kaneyoshi, T., see E.F. Sarmiento 104–107 (1992) 233
- Kaneyoshi, T., I.P. Fittipaldi and E.F. Sarmiento, Magnetic properties of the BEG model 104–107 (1992) 249
- Kanno, K., see Y. Takano 104–107 (1992) 1367
- Kanomata, A.T., see M. Ohashi 104–107 (1992) 925
- Kanomata, T., see T. Kaneko 104–107 (1992) 1949
- Kanomata, T., see T. Kaneko 104–107 (1992) 1951
- Kanomata, T., see T. Harada 104–107 (1992) 1955
- Kanomata, T., T. Suzuki, H. Yoshida and T. Kaneko, Pressure effect on the Curie temperature and thermal expansion of MnAlGe 104–107 (1992) 1957
- Kanomata, T., see S. Ohta 104–107 (1992) 1979
- Kanomata, T., see H. Yoshida 104–107 (1992) 1983
- Kanomata, T., see S. Abe 104–107 (1992) 2059
- Kanomata, T., see M. Matsumoto 104–107 (1992) 2061
- Kanomata, T., H. Yoshida, T. Kaneko and Y. Nishihara, Pressure effect on the magnetic transition temperatures of  $\text{Sc}_{1-x}\text{Ti}_x\text{Fe}_{1.95}$  ( $x = 0.60, 0.70$  and  $0.85$ ) 104–107 (1992) 2063
- Kappert, R.J.H., H.R. Borsje and J.C. Fuggle, High energy spectroscopies and magnetism 100 (1991) 363
- Kappler, J.P., see F. Baudelet 93 (1991) 539
- Kappler, J.P., see F. Baudelet 104–107 (1992) 1418
- Kappler, J.P., see J.G. Sereni 108 (1992) 183
- Kappler, J.P., G. Schmerber, O. Trovarelli and J.G. Sereni, Heavy fermion and intermediate valence behaviour in  $\text{Ce}_{24}\text{Co}_{11}$  108 (1992) 185
- Kappler, J.P., see J.G. Sereni 109 (1992) 349
- Kaprzyk, S., see R. Zach 104–107 (1992) 1929
- Kaprzyk, S., A.Z. Maksymowicz and K. Zakrzewska, Calculations of electron spin polarization in PdCo alloys by KKR–CPA–LSD method 104–107 (1992) 2019
- Kaptanoglu, C., see Y. Öner 109 (1992) 323
- Kapusta, Cz., see H. Figiel 104–107 (1992) 1198



- Kapusta, Cz., M. Rosenberg, H. Figiel, T.H. Jacobs and K.H.J. Buschow,  $^{57}\text{Fe}$  NMR study of  $\text{Lu}_2\text{Fe}_{17}\text{A}_x$  ( $\text{A} = \text{N}, \text{C}, \text{H}$ ) compounds 104–107 (1992) 1331
- Kapusta, Cz., M. Rosenberg, R.G. Graham, P.C. Riedi, T.H. Jacobs and K.H.J. Buschow, NMR and magnetocrystalline anisotropy of  $\text{Sm}_2\text{Fe}_{17}\text{N}_x$  compounds 104–107 (1992) 1333
- Kapusta, S., see H. Maletta 104–107 (1992) 495
- Karabunarliev, S., see C.I. Ivanov 92 (1990) 171
- Karakostas, Th., see N.K. Flevaris 93 (1991) 39
- Karas, W., see J. Korecki 92 (1990) L11
- Karen, P., see H. Fjellvåg 92 (1990) 75
- Karnaukhov, I.N., Solution of the two-dimensional Kondo problem for the Landau-leveled electrons 98 (1991) 250
- Karneeva, S.S., V.P. Kalantarian, A.P. Guess, V.V. Fedotova, R. Shimchak and M.A. Shamsutdinov, Magnetic properties of  $\text{TmFeO}_3$  and  $\text{Tm-Ga}_{0.13}\text{Fe}_{0.87}\text{O}_3$  orthoferrites 110 (1992) 327
- Karpenko, B.V., see T.I. Arbizova 95 (1991) 168
- Karpinski, J., see J.C. Martinez 104–107 (1992) 601
- Kasamatsu, Y., see M. Hayashi 104–107 (1992) 1225
- Kasamatsu, Y., K. Kojima, T. Hihara, R.G. Graham and P.C. Riedi, Pressure dependences of hyperfine fields at impurities in ferromagnetic  $\text{GdZn}$  host 104–107 (1992) 1413
- Kasaya, M., T. Tani, K. Ohoyama, M. Kohgi and Y. Isikawa, Magnetic properties of the dense Kondo compounds  $\text{CePdSn}$  and  $\text{YbNiSn}$  104–107 (1992) 665
- Kasaya, M., see K. Segawa 104–107 (1992) 1233
- Kasaya, M., see M. Kohgi 108 (1992) 187
- Kashiwakura, A., S. Koyama and T. Goto, Magnetic and electrical properties of ferromagnetic  $\text{V}(\text{Ir}_{1-x}\text{Pt}_x)_3$  alloys 104–107 (1992) 2049
- Kashiwakura, A., see T. Goto 104–107 (1992) 2051
- Kasono, K. and I. Ono, A phase diagram for the  $S = 1$  BEG model 104–107 (1992) 282
- Kasuya, T., see P. Morin 96 (1991) 145
- Kasuya, T., see J.A. Alonso 103 (1992) 179
- Kasuya, T., see R.M. Galéra 104–107 (1992) 1336
- Kasuya, T., see U. Ahlheim 108 (1992) 213
- Kasuya, T., see K. Fraas 108 (1992) 220
- Katano, R., see T. Fujii 92 (1990) 261
- Katayama, T., T. Sugimoto, Y. Suzuki, M. Hashimoto, P. de Haan and J.C. Lodder, Magneto-optical Kerr rotation spectra in ordered and disordered phases of  $\text{Fe-Pt}$  alloy films 104–107 (1992) 1002
- Katayama, T., see Y. Suzuki 104–107 (1992) 1843
- Katayama, T., see T. Sugimoto 104–107 (1992) 1845
- Katayama, T., see F. Iga 104–107 (1992) 1973
- Kato, H., see C. Brotzeller 104–107 (1992) 949
- Kato, H., see D.W. Lim 104–107 (1992) 1429
- Kato, H., see T. Hori 104–107 (1992) 2043
- Kato, K., see S. Takayama 94 (1991) 357
- Kato, T., see K. Maezawa 104–107 (1992) 1365
- Katori, M. and N. Konno, Phase transitions in spin systems without detailed balance 104–107 (1992) 267
- Katsumata, K., see T. Takeuchi 104–107 (1992) 813
- Katsumata, K., see M. Hagiwara 104–107 (1992) 839
- Katsura, S., see M. Seino 104–107 (1992) 1661
- Katter, M., J. Wecker, L. Schultz and R. Grössinger, Magnetocrystalline anisotropy of  $\text{Sm}_2\text{Fe}_{17}\text{N}_2$  (*Letter to the Editor*) 92 (1990) L14
- Katter, M., see R. Grössinger 101 (1991) 304
- Kauzlarich, S.M., see D.J. Webb 98 (1991) 71
- Kawabuchi, S., see H. Tange 109 (1992) 169
- Kawai, Y., V. Brabers and Z. Šimša, Ultrasonic attenuation in titanomagnetite single crystals 104–107 (1992) 407
- Kawai, Y., see I. Matsubara 104–107 (1992) 427
- Kawakami, M. and S. Satohira, NMR study of the intermetallic compounds  $\text{RCo}_{12}\text{B}_6$  ( $\text{R} = \text{Ce}, \text{Pr}, \text{Gd}$ ) 104–107 (1992) 1313
- Kawamata, S., K. Ishimoto, Y. Yamaguchi and T. Komatsubara, Magnetic structure of  $\text{UTGe}$  ( $\text{T: Ni, Pd, Pt}$ ) single crystals 104–107 (1992) 51
- Kawamata, S., H. Iwasaki, N. Kobayashi, K. Ishimoto, Y. Yamaguchi and T. Komatsubara, Electrical resistivity of  $\text{UTGe}$  ( $\text{T: Ni, Pd, Pt}$ ) single crystals 104–107 (1992) 53
- Kawamata, S., H. Iwasaki and N. Kobayashi, Specific heat of  $\text{UTGe}$  and  $\text{ThTGe}$  ( $\text{T: Ni, Pd, Pt}$ ) 104–107 (1992) 55
- Kawamura, H., see M. Kikuchi 104–107 (1992) 227
- Kawamura, R., see J. Sakurai 104–107 (1992) 1415
- Kawanabe, T., see S. Takayama 94 (1991) 357
- Kawanishi, K., see T. Sugimoto 104–107 (1992) 1845
- Kawano, H., see A. Ito 104–107 (1992) 1637
- Kawano, S., Y. Ajiro and T. Inami, Field-induced phase transition in an  $\text{XY}$  triangular antiferromagnet  $\text{Rb-MnBr}_3$  104–107 (1992) 791
- Kawano, Y., see Y. Obi 93 (1991) 587
- Kawarabayashi, T. and M. Suzuki, Chiral orders in the two-dimensional Heisenberg model 104–107 (1992) 929
- Kawarazaki, S., see Y. Miyako 108 (1992) 190
- Kawasaki, K., M. Hara and R.A. Tahir-Kheli, Spin dynamics in diluted paramagnets with competing interactions 104–107 (1992) 253
- Kawasaki, T. and S. Miyashita, Size dependence of relaxation time in the fuzzy spin model 104–107 (1992) 1595

- Kawashima, N., N. Ito and M. Suzuki,  
Numerical studies on random spin  
systems in a magnetic field 104–107 (1992) 1663
- Kawata, H., see H. Maruyama 104–107 (1992) 2055
- Kayzel, F., see P.C.M. Gubbens 104–107 (1992) 1269
- Kayzel, F.E., R. Verhoef, S.Q. Ji, J.J.M.  
Franse, R.J. Radwański, S. Hoch  
and H. Kronmüller, High-field mag-  
netic studies of pseudoternary Nd<sub>2</sub>-  
Fe<sub>14</sub>B-based compounds 101 (1991) 424
- Kayzel, F.E., see R.J. Radwański 104–107 (1992) 1321
- Kayzel, F.E., see C. Marquina 104–107 (1992) 1323
- Kayzel, F.E., see O. Moze 104–107 (1992) 1394
- Kayzel, F.E., see A.R. Ball 110 (1992) 337
- Kazimirov, A.Yu., see P. Novák 101 (1991) 155
- Keavney, D.J., see H. Tang 104–107 (1992) 1705
- Keiter, H., see Q. Qin 108 (1992) 199
- Keith, V., see G.D. Khattak 94 (1991) 278
- Keller, L., P. Fischer, A. Furrer, K.  
Krämer, G. Meyer, H.U. Güdel and  
A.W. Hewat, Structure and mag-  
netic ordering of the “free-electron”  
rare-earth halides RE<sub>2</sub>X<sub>5</sub> (RE =  
Ce, Pr; X = Br, I) 104–107 (1992) 1201
- Kelly, P.J., see G.H.O. Daalderop 104–107 (1992) 737
- Kemmler-Sack, S., see Th. Sinnemann 95 (1991) 175
- Kemmler-Sack, S., see Th. Sinnemann 98 (1991) 99
- Kemper, M., U. Reisewitz and C. Hei-  
den, Approach to intrinsic virgin  
magnetization curves of Nd–Fe–B  
magnets using a feedback-con-  
trolled VSM 101 (1991) 299
- Kennedy, S.J., see S. Bocquet 109 (1992) 260
- Kenning, G., see J. Mattsson 104–107 (1992) 1621
- Kepa, H. and S. Bednarski, Magnetic  
moment distribution around V  
atoms in Fe<sub>3–x</sub>V<sub>x</sub>Si alloys 104–107 (1992) 2065
- Kerouad, M. and M. Saber, The appli-  
cation of the finite cluster approxi-  
mation to the kinetic Ising model 92 (1990) 245
- Kessel, A.R., see I.S. Donskaya 104–107 (1992) 883
- Ketterson, J.B., see J.E. Mattson 109 (1992) 179
- Kettunen, P., see P. Ruuskanen 98 (1991) 349
- Keune, W., see W. Kiauka 93 (1991) 494
- Keune, W., see B. Scholz 93 (1991) 499
- Keune, W., see W.A.A. Macedo 93 (1991) 552
- Keune, W., see K. Sumiyama 96 (1991) 329
- Keune, W., see B. Scholz 104–107 (1992) 1889
- Keune, W., see R.A. Brand 104–107 (1992) 1891
- Khan, M.A., see G.D. Khattak 94 (1991) 278
- Khanna, S.N., see S. Linderoth 104–107 (1992) 1574
- Khattak, G.D., V. Keith, Ph. Martin,  
E.E. Khawaja and M.A. Khan,  
Magnetization studies of Ni-doped  
vanadium–phosphate glasses 94 (1991) 278
- Khawaja, E.E., see G.D. Khattak 94 (1991) 278
- Khlopkin, M.N., see P.A. Alekseev 110 (1992) 119
- Kiauka, W., W. Keune, T. Shinjo and  
N. Hosoi, Mössbauer investiga-  
tion of the magnetic properties of  
amorphous FeZr-interface layers  
formed by solid state reaction 93 (1991) 494
- Kichizhiev, A.N., see Yu.N. Mitzay 110 (1992) 80
- Kido, G., see M. Kido 104–107 (1992) 705
- Kido, G., see I. Mogi 104–107 (1992) 1061
- Kido, G., K. Komorita, Y. Nakagawa  
and T. Suzuki, De Haas–van Alphen  
effect and high-field magnetization  
in PrSb singlet-ground-state systems 104–107 (1992) 1239
- Kido, G., see K. Komorita 104–107 (1992) 1241
- Kido, G., see T. Kaneko 104–107 (1992) 1401
- Kido, G., see D.W. Lim 104–107 (1992) 1429
- Kido, G., see F. Iga 104–107 (1992) 1969
- Kido, G., see T. Hori 104–107 (1992) 2043
- Kido, G., see T. Takabatake 108 (1992) 155
- Kido, M., H. Ido and G. Kido, Mag-  
netic states of Co-, Fe- and Mn-  
atoms in some Heusler alloys 104–107 (1992) 705
- Kikuchi, H., see M. Chiba 104–107 (1992) 807
- Kikuchi, M. and Y. Okabe, Monte Carlo  
renormalization group study of the  
random three-state Potts model 104–107 (1992) 209
- Kikuchi, M. and H. Kawamura, Free-  
vortex formation of the plane rota-  
tor model 104–107 (1992) 227
- Kilcoyne, S.H., see R.I. Bewley 104–107 (1992) 133
- Kilcoyne, S.H., see J.L. García-Muñoz 104–107 (1992) 555
- Kilcoyne, S.H., see S. Mondal 104–107 (1992) 1421
- Kilcoyne, S.H., see C. Ritter 104–107 (1992) 1427
- Kilcoyne, S.H. and R. Cywinski, A  $\mu$ -  
SR study of magnetic order in  
Y<sub>6</sub>(Mn<sub>0.55</sub>Fe<sub>0.45</sub>)<sub>23</sub> 104–107 (1992) 1959
- Kim, A., see Y.Z. Wang 104–107 (1992) 1132
- Kim, T.A., see I.S. Edelman 110 (1992) 99
- Kim, Y.G., see J.-P. Yang 110 (1992) L261
- Kim, Y.P., see J.-P. Yang 110 (1992) L261
- Kimishima, Y., M. Tsuchiya, K. Tomi-  
moto and J. Akimitsu, Phase transi-  
tion in LiVO<sub>2</sub> 104–107 (1992) 779
- Kimishima, Y., N. Miyata, N. Akutsu,  
Y. Ichiyanagi and M. Hagiwara,  
Magnetic study on the precipitate  
from the aqueous solutions of NiCl<sub>2</sub>  
· 6H<sub>2</sub>O and Na<sub>2</sub>SiO<sub>3</sub> · nH<sub>2</sub>O 104–107 (1992) 781
- Kim-Ngan, N.H., Z. Tarnawski, N.P.  
Thuy, T.D. Hien, F.F. Bekker, P.E.  
Brommer and J.J.M. Franse, Spe-  
cific heat of Nd<sub>1-x</sub>Lu<sub>x</sub>Mn<sub>2</sub> 104–107 (1992) 1298
- Kimura, S., see E. Kita 104–107 (1992) 449
- Kindo, K., M. Date and T. Yosida,  
Electron spin resonance of elemen-  
tary excitation in the Haldane gap 104–107 (1992) 811
- Kindo, K., see A. Yamagishi 108 (1992) 211
- Kioussis, N., see B.R. Cooper 108 (1992) 10

- Kirchmayr, H.R., see X.K. Sun 96 (1991) 197
- Kirchmayr, H.R., see A. Handstein 101 (1991) 377
- Kirchmayr, H.R., see X.C. Kou 104–107 (1992) 1341
- Kirchmayr, H.R., see T.S. Zhao 104–107 (1992) 1347
- Kirchner, P.D., see C.H. Lee 93 (1991) 592
- Kiriake, H., see M. Nawate 104–107 (1992) 1861
- Kirillov, B.F., see H. Maletta 104–107 (1992) 495
- Kirilyuk, A.I., see S.O. Demokritov 102 (1991) 339
- Kirilyuk, A.I., see S.O. Demokritov 104–107 (1992) 663
- Kirschbaum, U., see B. Scholz 93 (1991) 499
- Kirschner, J., see J.J. De Miguel 93 (1991) 1
- Kirschner, J., see B. Heinrich 93 (1991) 75
- Kirschner, J., see A. Cebollada 102 (1991) 25
- Kisdi-Koszó, É., L. Potocký, M. Hrabčák, L. Novák and A. Lovas, Rapid annealing of metallic glasses under tension 92 (1990) 181
- Kisdi-Koszó, E., see Z. Kaczowski 101 (1991) 25
- Kishimoto, Y., see T. Ohno 104–107 (1992) 2027
- Kishino, T., see N. Iwata 104–107 (1992) 27
- Kisielewski, M., O. Lichtchenko and A. Maziewski, Self-biasing effect based on mixed magnetic anisotropy idea 101 (1991) 213
- Kisielewski, M., see A. Maziewski 104–107 (1992) 361
- Kita, E., see K. Yano 104–107 (1992) 131
- Kita, E., S. Takano, K. Kohn, K. Sira-tori, S. Kimura and A. Tasaki, On the first order magnetoelectric effect of a high purity YIG (yttrium iron garnet) single crystal 104–107 (1992) 449
- Kita, E., see T. Erata 104–107 (1992) 1589
- Kitada, M. and N. Shimizu, Interdiffusion of Nb/Permalloy bilayer thin films and its applications to magnetoresistive heads 98 (1991) 215
- Kitai, T. and K. Oka, Magnetic properties of  $\text{PrAg}_x\text{Cd}_{1-x}$  compounds with CsCl structure 104–107 (1992) 1357
- Kitai, T., see S. Abe 104–107 (1992) 1403
- Kitakami, O., see A. Yoshihara 104–107 (1992) 1835
- Kitawatase, K., see S. Ishida 104–107 (1992) 1933
- Kjekshus, A., see H. Fjellvåg 92 (1990) 75
- Kjekshus, A., see A.F. andresen 94 (1991) 347
- Kjekshus, A., see A. Zieba 104–107 (1992) 71
- Klaasse, J.C.P., see F.R. de Boer 104–107 (1992) 113
- Klabunde, K.J., see L. Yiping 104–107 (1992) 1545
- Klahn, S., see D. Raasch 93 (1991) 365
- Klamut, J., see W. Prystasz 96 (1991) 275
- Kleemann, W., see D. Bertrand 104–107 (1992) 389
- Kleinfeld, Th., see H. Litschke 104–107 (1992) 1807
- Klimek, L., see J. Pszczola 92 (1990) 101
- Klingelhöfer, P., L. Marosi and E. Schwab, Microstructure of  $\gamma\text{-Fe}_2\text{O}_3$  particles determined by X-ray line broadening of orientated samples 101 (1991) 248
- Klokholm, E., see M.A. Russak 104–107 (1992) 1847
- Klokholm, E., see M.A. Russak 104–107 (1992) 1851
- Klugmann, E. and H.J. Blythe, Atomic and magnetic ordering in CoPt alloys studied by magnetic and internal friction measurements 101 (1991) 99
- Klupsch, Th., see W. Andrä 104–107 (1992) 481
- Knab, D. and C. Koenig, Ferrimagnetic ordering in  $\text{Fe}_3/\text{Ru}_n$  superlattices? 93 (1991) 398
- Knab, D. and C. Koenig, Importance of the exact atomic positions on the magnetic properties of  $\text{Fe}_x/\text{Ru}_x$  superlattices 98 (1991) 10
- Knetsch, E.A., A.A. Menovsky, J.J. Petersen, G.J. Nieuwenhuys, J.A. My-dosh, P.J.C. Signore, S.E. Brown and M.W. Meisel, Anisotropic superconducting properties of  $\text{URu}_2\text{Si}_2$  108 (1992) 71
- Knetsch, E.A., J.A. Mydosh, P.J.C. Signore, S.E. Brown, M.W. Meisel, R.H. Heffner and J.L. Smith, AC-susceptibility and penetration depth studies of  $\text{U}_{1-x}\text{Th}_x\text{Be}_{13}$  108 (1992) 73
- Knetsch, E.A., J.A. Mydosh, T. Vorenkamp and A.A. Menovsky, Temperature dependence of the lower critical field of  $\text{UPt}_3$  doped with boron 108 (1992) 75
- Knobel, M., see S.P. Cruz Filho 104–107 (1992) 105
- Knoch, K.G., see P.J. McGuiness 104–107 (1992) 1169
- Knorr, K., see K. Hinrichs 104–107 (1992) 1676
- Kobayashi, H., H. Onodera and H. Yamamoto,  $^{161}\text{Dy}$  Mössbauer study of  $\text{DyMn}_2\text{Ge}_2$  – the electronic ground state of the Dy ion, and the magnetic structure 109 (1992) 17
- Kobayashi, H., see H. Onodera 109 (1992) 249
- Kobayashi, K. and Y. Uehara, Spacing dependence of recording density in perpendicular magnetic recording 104–107 (1992) 983
- Kobayashi, K.-I., H. Morinaga, T. Araki, Y. Naka and T. Oomura, Low-loss Ni–Zn–Cu ferrite for deflection yoke 104–107 (1992) 413
- Kobayashi, N., see S. Kawamata 104–107 (1992) 53
- Kobayashi, N., see S. Kawamata 104–107 (1992) 55
- Kobayashi, S., see H. Tange 109 (1992) 169
- Kobayashi, T., see H. Nakamura 97 (1991) 353
- Köbler, U., K. Wagner, R. Wiechers, A. Fuß and W. Zinn, Higher order interaction terms in coupled Fe/Cr/Fe sandwich structures 103 (1992) 236
- Kociński, J., The nonlinear optical susceptibility tensor  $\{\chi_{ijk}\}$  in a diperic-odic magnetic layer 104–107 (1992) 1787
- Koeler, D., see J.M. González 101 (1991) 397
- Koenig, C., see D. Knab 93 (1991) 398
- Koenig, C., see D. Knab 98 (1991) 10



- Koestler, C., M. Chandramouli, G. Thomas and L. Schultz, Microstructure of mechanically alloyed  $\text{Nd}_{16}\text{-Fe}_{76}\text{B}_8$ -magnets 110 (1992) 264
- Koga, H., see K. Kakuno 104–107 (1992) 1709
- Kogure, H., see Y. Gondō 93 (1991) 43
- Kohara, T., K. Ueda, Y. Kohori and Y. Oda, NQR and NMR studies in superconducting  $\text{La}_2\text{CuO}_{4+\delta}$  104–107 (1992) 523
- Kohara, T., K. Ueda, Y. Kohori, T. Noji, Y. Koike and Y. Saito, NQR and NMR studies on  $\text{Pb}_2\text{Sr}_2\text{Y}_{0.5}\text{Ca}_{0.5}\text{Cu}_3\text{O}_{8+y}$  104–107 (1992) 525
- Kohashi, T., see R.J. Radwański 101 (1991) 392
- Kohashi, T., see R.J. Radwański 104–107 (1992) 1139
- Kohgi, M., see M. Kasaya 104–107 (1992) 665
- Kohgi, M., K. Ohoyama, T. Osakabe and M. Kasaya, Neutron scattering studies of  $\text{CeTsn}$  ( $T = \text{Ni, Pd}$ ) 108 (1992) 187
- Köhler, D. and H. Kronmüller, The magnetic phase transition in  $\text{Fe}_{14}\text{Nd}_2\text{B}$  single crystals 92 (1991) 344
- Köhler, D., see K. Ried 109 (1992) 275
- Köhler, R., see C. Geibel 108 (1992) 209
- Kohmoto, O., see L. Bang 104–107 (1992) 147
- Kohn, K., see E. Kita 104–107 (1992) 449
- Kohnke, H.-J., see J.-W. Schünemann 104–107 (1992) 923
- Kohori, Y., see T. Kohara 104–107 (1992) 523
- Kohori, Y., see T. Kohara 104–107 (1992) 525
- Kohout, J., see H. Štěpánková 104–107 (1992) 411
- Koike, Y., see T. Kohara 104–107 (1992) 525
- Koizumi, A., see H. Maruyama 104–107 (1992) 2055
- Kojima, K., Y. Hukuda, S. Miyata, T. Takabatake, H. Fujii and T. Hihara, NMR study of uranium ternary compound  $\text{U}_3\text{Cu}_3\text{Sn}_4$  104–107 (1992) 49
- Kojima, K., H. Yabuta and T. Hihara, Magnetic and NMR study of valence phase transition in  $\text{YbIn}_{1-x}\text{T}_x\text{Cu}_4$  ( $T = \text{Ag and Au}$ ) 104–107 (1992) 653
- Kojima, K., see K. Hiraoka 104–107 (1992) 655
- Kojima, K., see Y. Kasamatsu 104–107 (1992) 1413
- Kojima, N., see I. Mogi 104–107 (1992) 1061
- Koláček, J., see Z. Šimša 101 (1991) 233
- Koláček, J., see Z. Šimša 104–107 (1992) 403
- Kolbeck, C., see O. Isnard 104–107 (1992) 2003
- Kolenda, M., A. Szytuła, J. Leciejewicz and C. Maletka, Magnetic properties of  $\text{Mn}_6\text{Ni}_{16}\text{Si}_7$  and  $\text{Mn}_3\text{Cr}_3\text{-Ni}_{16}\text{Si}_7$  96 (1991) 121
- Kollár, P., see P. Sovák 98 (1991) 205
- Komatsu, H., see T. Goto 104–107 (1992) 135
- Komatsubara, T., see N. Sato 104–107 (1992) 31
- Komatsubara, T., see S. Kawamata 104–107 (1992) 51
- Komatsubara, T., see S. Kawamata 104–107 (1992) 53
- Komatsubara, T., see T. Kagayama 108 (1992) 103
- Komatsubara, T., see N. Sato 108 (1992) 115
- Komorita, K., see G. Kido 104–107 (1992) 1239
- Komorita, K., G. Kido, Y. Nakagawa, Y.S. Kwon and T. Suzuki, Magnetic phase transition and Shubnikov–de Haas effect of the Kondo system  $\text{CeAs}$  in high magnetic fields 104–107 (1992) 1241
- Konč, M., see P. Sovák 98 (1991) 205
- Konczos, G., see A. Sólyom 101 (1991) 109
- Konczykowski, M., see D. Lottis 104–107 (1992) 1811
- Kondo, O., see K. Sugiyama 104–107 (1992) 1223
- Kondrat'yev, I.N., see E.I. Il'yashenko 93 (1991) 143
- Kong, L.-S., see Y.-C. Yang 104–107 (1992) 1353
- Konishi, K., see K. Okuda 104–107 (1992) 817
- Konishi, K., see K. Takeda 104–107 (1992) 901
- Konn, A.M., see M. Le Flo'ch 104–107 (1992) 1591
- Konn-Martin, A.M., see M. Le Flo'ch 104–107 (1992) 401
- Konno, K., see H. Ido 104–107 (1992) 1361
- Konno, K., H. Ido and K. Maki, Spin reorientation in  $(\text{Pr}_{1-x}\text{Nd}_x)\text{Co}_4\text{Al}$ ,  $\text{Nd}(\text{Co}_{4-x}\text{Fe}_x)\text{Al}$  and  $(\text{Nd}_{1-x}\text{Dy}_x)\text{Co}_4\text{Al}$  104–107 (1992) 1369
- Konno, N., see M. Katori 104–107 (1992) 267
- Konno, R. and T. Yanagisawa, The theory of magnetization process in  $\text{CeRu}_2\text{Si}_2$  104–107 (1992) 649
- Koon, N.C., C.M. Williams and B.N. Das, Giant magnetostriiction materials 100 (1991) 173
- Koon, N.C., see S. Mørup 104–107 (1992) 1793
- Kopcewicz, M., see E. Pilipczuk 102 (1991) 47
- Koper, A., see A. Lehmann-Szweykowska 104–107 (1992) 447
- Kopinga, K., see T. Delica 104–107 (1992) 795
- Kopinga, K., see H.A.M. de Gronckel 104–107 (1992) 1809
- Kordecki, R., R. Meckenstock, J. Pelzl, E. Becker, g. Dumpich and g. Suran, Spin wave resonance in  $\text{FeNi}$  multilayers 93 (1991) 281
- Korecki, J. and W. Karas, Electric field gradients near the  $\text{Fe}(110)$  surface (*Letter to the Editor*) 92 (1990) L11
- Korenari, T., see K. Motizuki 104–107 (1992) 1923
- Kors, B.J., see A. de Visser 108 (1992) 61
- Korzniakova, G.F., see Kh.Ya. Mulyukov 110 (1992) 73
- Kos, I., M. Miljak and V. Zlatić, Normal-state susceptibility anisotropy of metallic copper oxides 104–107 (1992) 575
- Koshizuka, N., see T. Machi 104–107 (1992) 635
- Kosiński, R.A. and A. Sukiennicki, Chaotic motion of a domain wall with vertical Bloch lines 93 (1991) 128
- Kosiński, R.A. and A. Sukiennicki, Chaotic motion of a domain wall in the time dependent drive fields 104–107 (1992) 331
- Kłosowski, P., T.M. Giebułtowicz, N. Samarth, H. Luo, J.K. Furdyna and

- J.J. Rhyne, Magnetic critical phenomena in fcc antiferromagnets: role of strain and dimensionality 104–107 (1992) 1795
- Kossacki, P., see F.R. de Boer 101 (1991) 3
- Kossacki, P., see T. Stobiecki 101 (1991) 211
- Kossacki, P., see F.R. de Boer 104–107 (1992) 113
- Kostikas, A., see M. Pissas 104–107 (1992) 571
- Kostikas, A., see X.C. Kou 104–107 (1992) 1341
- Kostikas, A., see K.N. Trohidou 104–107 (1992) 1587
- Košturiak, A., see M. Zentková 102 (1991) L1
- Košturiak, A., O. Duša and J. Gajdušek, Influence of heat treatment and coatings on time stability of coercive force of the amorphous  $\text{Fe}_{80.5}\text{B}_{12}\text{-Si}_{6.5}\text{C}_1$  alloys 109 (1992) 27
- Koszegi, L., see M. Foldeaki 96 (1991) 29
- Kotsanidis, P., I. Semitelou, J.K. Yakinthos and E. Roudaut, Sine modulated magnetic structure of  $\text{HoNiGa}$  102 (1991) 67
- Kotsanidis, P.A., see J.K. Yakinthos 102 (1991) 71
- Kötzler, J., see M. Grahl 104–107 (1992) 219
- Kötzler, J., see D. Görlitz 104–107 (1992) 339
- Kötzler, J., see M. Ziese 104–107 (1992) 537
- Kou, X.C. and R. Grössinger, Spin reorientation and FOMP transition in  $\text{R}_2\text{T}_{14}\text{X}$  compounds. Determination of the FOMP transition temperature by ac-initial susceptibility and SPD technique measurements 95 (1991) 184
- Kou, X.C., R. Grössinger, H. Müller and K.H.J. Buschow, Anomalous 3d anisotropy of  $\text{R}_2\text{Fe}_{14}\text{C}$  and  $\text{R}_2\text{Fe}_{14}\text{B}$  compounds 101 (1991) 349
- Kou, X.C., R. Grössinger and G. Wiesinger, A magnetic transition of  $\text{R}_2\text{Co}_{17}$  detected by measuring the temperature dependence of the AC-susceptibility 104–107 (1992) 1339
- Kou, X.C., C. Christides, R. Grössinger, H.R. Kirchmayr and A. Kostikas, Magnetic anisotropy and magnetic transitions in  $\text{RFe}_{10}\text{Mo}_2$  104–107 (1992) 1341
- Kou, X.C., see T.S. Zhao 104–107 (1992) 1347
- Kou, X.C., see G. Wiesinger 104–107 (1992) 1431
- Koufoudakis, A., see W. Likodimos 104–107 (1992) 563
- Koufoudakis, A., V. Psycharis, C. Mitros, H. Gamari-Seale and D. Niarchos, XRD and magnetic measurements on the series  $\text{REBaSrCu}_3\text{O}_y$  104–107 (1992) 568
- Koutani, S., see G. Gavoille 102 (1991) 283
- Kouvel, J.S., see K.A. Ziq 98 (1991) 245
- Kováč, J., see M. Zentková 102 (1991) L1
- Kovalchuk, M.V., see P. Novák 101 (1991) 155
- Kovshikov, N.G., see J. Gouzerh 101 (1991) 189
- Kowalczyk, A. and A. Szajek, Local environment effects in  $\text{Y}_2\text{Fe}_{14}\text{B}$ -based compounds 97 (1991) 187
- Kowalczyk, A., see P. Stefański 101 (1991) 97
- Kowalczyk, A., P. Stefański and A. Wrzeciono, Ordering phenomena in  $(\text{Nd}_{1-x}\text{Y}_x)_2\text{Fe}_{14-y}\text{Cr}_y\text{B}$  alloys 101 (1991) 341
- Kowalczyk, A., see P. Stefański 104–107 (1992) 1227
- Koyama, S., see A. Kashiwakura 104–107 (1992) 2049
- Koyano, N., see K. Yamagata 104–107 (1992) 849
- Koyano, N., see M. Fujino 104–107 (1992) 851
- Kozłowski, A., G.A. Stewart, Z. Obuszko and J. Żukrowski, Magnetism in  $\text{Y}_6\text{Mn}_{23}\text{H}_x$  92 (1990) 155
- Kraegermann, S., F. Stobiecki, T. Stobiecki and K. Röhl, Amorphization reactions in multilayered thin  $\text{Fe/Zr}$  films studied by magnetic, X-ray and DSC measurements 101 (1991) 209
- Krämer, K., see L. Keller 104–107 (1992) 1201
- Kraus, L., P. Duhaj and S. Bode, Creep-induced magnetic anisotropy of amorphous  $\text{Fe}_{80}\text{B}_{20-x}\text{Si}_x$  alloys 101 (1991) 1
- Krausch, G., see J. Voigt 93 (1991) 341
- Krause, H., J. Theile, R. Dahlbeck and J. Engemann, Wall and Bloch-line coercivity measurements in magnetic garnet films 95 (1991) 95
- Krauss, U., see S. Krompiewski 92 (1991) L295
- Krauss, U. and U. Krey, Local magneto-volume effect in amorphous iron (*Letter to the Editor*) 98 (1991) L1
- Krauss, U., see U. Krey 103 (1992) 37
- Krebs, J.J., see C.M. Williams 110 (1992) 61
- Kreines, N.M., see S.O. Demokritov 102 (1991) 339
- Kreines, N.M., see S.O. Demokritov 104–107 (1992) 663
- Krembel, C., M.C. Hanf, J.C. Peruchetti, D. Bolmont and G. Gewinner, Growth of an ordered Cr monolayer on  $\text{Ag}(100)$ : evidence of two-dimensional antiferromagnetism 93 (1991) 529
- Kremer, R.K., J.K. Cockcroft, H. Mat-tausch, N.P. Raju and A. Simon, Magnetic properties of the new rare earth carbide fluoride layered compound:  $\text{Ho}_2\text{CF}_2$  104–107 (1992) 959
- Kremer, R.K., see W. Bauhofer 104–107 (1992) 1243
- Krewenka, R., see R. Grössinger 101 (1991) 304
- Krewenka, R., see A. Handstein 101 (1991) 377
- Krey, U., see S. Krompiewski 92 (1991) L295
- Krey, U., see J. Pirnay 93 (1991) 267
- Krey, U., see H. Früchtl 94 (1991) L20
- Krey, U., see U. Krauss 98 (1991) L1
- Krey, U., U. Krauss and S. Krompiewski, Itinerant spin glass states and asperomagnetism of amorphous Fe and iron-rich  $\text{Fe/Zr}$  alloys 103 (1992) 37
- Kriegelstein, H., see W. Palme 104–107 (1992) 805
- Krill, G., see F. Baudelet 93 (1991) 539

- Krill, G., see F. Baudelet 104–107 (1992) 1418
- Krimmel, A., A. Loidl, C. Geibel, F. Steglich and G.J. McIntyre, Neutron diffraction experiments on  $\text{UCu}_{4+x}\text{Al}_{8-x}$  103 (1992) 73
- Krimmel, A., A. Loidl, C. Geibel, F. Steglich and A.G.J. McIntyre, Magnetic order in  $\text{UCu}_{4+x}\text{Al}_{8-x}$  104–107 (1992) 25
- Krismell, A., see F. Steglich 108 (1992) 5
- Krishnan, R., see S. Prasad 92 (1990) 92
- Krishnan, R., H.O. Gupta, C. Sella and M. Kaabouchi, Magnetic and structural studies in sputtered Ni/C, Co/C and Fe/C multilayers 93 (1991) 174
- Krishnan, R., M. Naili, M. Tessier, B. Ramamurthy Acharya, S. Prasad and N. Venkataramani, Magnetic and FMR studies in amorphous  $\text{Co}_{80}\text{Nb}_{10}\text{Zr}_{10}$  films 93 (1991) 257
- Krishnan, R., see N.K. Flevaris 93 (1991) 439
- Krishnan, R., see R. Žuberek 93 (1991) 449
- Krishnan, R., see R. Žuberek 101 (1991) 219
- Krishnan, R., H. Lassri and J. Teillet, High field magnetic and Mössbauer studies in amorphous Fe–Er–B–Si alloys 98 (1991) 155
- Krishnan, R., see J. Teillet 101 (1991) 43
- Krishnan, R., V. Cagan, M. Tessier and S. Visnovsky, Magnetic and magneto-optical studies in Fe/AlN multilayers 101 (1991) 205
- Krishnan, R., see A.K. Nigam 102 (1991) 297
- Krishnan, R., M. Porte and M. Tessier, Bulk and surface anisotropy in ultrahigh vacuum deposited Co/Ag and Fe/Ag multilayers 103 (1992) 47
- Krishnan, R., see H. Lassri 104–107 (1992) 157
- Krishnan, R., see N.K. Flevaris 104–107 (1992) 1760
- Krishnan, R., see N.K. Flevaris 104–107 (1992) 1763
- Krishnan, R., see J.P. Eymery 104–107 (1992) 1785
- Krishnan, R., C. Sella, M. Kaabouchi, B.R. Acharya, S. Prasad and N. Venkataramani, Ferromagnetic resonance studies of exchange-coupled Fe/Ni multilayers 104–107 (1992) 1822
- Krishnan, R. and J.P. Eymery, Magnetic and CEMS studies in Fe/CoNbZr multilayers 104–107 (1992) 1893
- Krishnan, R., Surface anisotropy in amorphous Tb–Fe/ $\text{Al}_2\text{O}_3$  multilayers 109 (1992) 64
- Krok-Kowalski, J., see T. Groń 101 (1991) 148
- Krompiewski, S., U. Krauss and U. Krey, Magnetic properties of Fe/Ag multilayers with interface roughness by a first-principles tight-binding LMTO method (*Letter to the Editor*) 92 (1991) L295
- Krompiewski, S., see J. Pirnay 93 (1991) 267
- Krompiewski, S., see U. Krey 103 (1992) 37
- Kronmüller, H., see D. Köhler 92 (1991) 344
- Kronmüller, H., see A. Forkl 93 (1991) 261
- Kronmüller, H., see H.F. Schmidts 94 (1991) 220
- Kronmüller, H., see R. Reisser 97 (1991) 83
- Kronmüller, H., see R. Reisser 98 (1991) 261
- Kronmüller, H., see R. Reisser 98 (1991) 273
- Kronmüller, H., see J. Pastushenkov 101 (1991) 363
- Kronmüller, H., see A. Forkl 101 (1991) 367
- Kronmüller, H., see F.E. Kayzel 101 (1991) 424
- Kronmüller, H., see H.F. Schmidts 104–107 (1992) 1119
- Kronmüller, H., see K. Ried 109 (1992) 275
- Kronmüller, H., see R. Reisser 110 (1992) 32
- Krovich, D.J., see G.C. DeFotis 104–107 (1992) 1603
- Krug von Nidda, H.-A., see G. Wiese 104–107 (1992) 1072
- Kuβ, H., see W. Kunze 101 (1991) 279
- Kuřakowski, K. and J. Wenda, Strain and band filling dependence of the magnetoelastic coupling in thin films 94 (1991) 247
- Kuřakowski, K., see J. González 102 (1991) 63
- Kuřakowski, K. and A. Maksymowicz, The Coqblin–Schrieffer contribution to the shape magnetostriction in band systems (*Letter to the Editor*) 110 (1992) L11
- Kuang, J.P., H.J. Cui, J.Y. Li, F.M. Yang, H. Nakotte, E. Brück and F.R. de Boer, Electronic properties of CeNiX compounds 104–107 (1992) 1475
- Kub, J., see P. Novák 101 (1991) 155
- Kübler, J., see M. Pénicaud 103 (1992) 212
- Kübler, J., see M. Uhl 103 (1992) 314
- Kübler, J., L.M. Sandratskii and M. Uhl, Noncollinear spiral magnetic order in itinerant-electron magnets 104–107 (1992) 695
- Kübler, J., see T. Maurer 104–107 (1992) 1029
- Kübler, J., see S. Matar 104–107 (1992) 1927
- Kubo, H., see K. Zenmyo 104–107 (1992) 1615
- Kubo, T., see M. Chiba 104–107 (1992) 807
- Kubo, Y. and S. Asano, Electronic states in  $\text{RB}_6$  (R = La, Ce, Pr and Nd) 104–107 (1992) 1182
- Kubota, H., see T. Miyazaki 103 (1992) 13
- Kuboyama, T., see K. Tamanoi 104–107 (1992) 445
- Kučera, M., Magneto-optics of  $\text{Ce}^{3+}$  doped garnets 101 (1991) 242
- Kučera, M. and J. Hakenová, Strong Faraday effect in  $\text{Ce}^{3+}$ : YAG 104–107 (1992) 439
- Kudinov, V.I., see S.O. Demokritov 102 (1991) 339
- Kudinov, V.I., see S.O. Demokritov 104–107 (1992) 663
- Kuentzler, R., see F. Sapiña 104–107 (1992) 837
- Kuentzler, R., see R. Clad 104–107 (1992) 1593
- Kuentzler, R., R. Clad, G. Schmerber



- and Y. Dossmann, Gap at the Fermi level and magnetism in RMSn ternary compounds ( $R = \text{Ti, Zr, Hf}$  and  $M = \text{Fe, Co, Ni}$ ) 104–107 (1992) 1976
- Kulich, N.V., see N.A. Belous 110 (1992) 197
- Kulik, T. and J. Lisiecki, Effect of the quenching rate on the magnetic permeability of annealed non-magnetostrictive  $\text{Co-Fe-Mn-Mo-Si-B}$  glass 109 (1992) 228
- Kulikowski, J., see A. Biénkowski 101 (1991) 122
- Kulkarni, R.G., see J. Nogués 99 (1991) 275
- Kumagai, K., T. Takatsuka and A. Yamanaoka, Hyperfine fields at the  $\text{Cu(1)}$  and  $\text{Cu(2)}$  sites of antiferromagnetic  $\text{YBa}_2(\text{Cu}_{1-x}\text{T}_x)_3\text{O}_6$  and  $\text{RBa}_2\text{Cu}_3\text{O}_6$  104–107 (1992) 577
- Kumar, R., see B.V.B. Sarkissian 104–107 (1992) 1271
- Kunii, S., see P. Morin 96 (1991) 145
- Kunii, S., see K. Segawa 104–107 (1992) 1233
- Kunii, S., see R.M. Galéra 104–107 (1992) 1336
- Kunii, S., see A. Tomita 108 (1992) 165
- Kunkel, H.P., see H. Ma 104–107 (1992) 89
- Kunze, W. and H. Kuß, FEM for computer-aided design of electrical machines and devices 101 (1991) 279
- Kuriplach, J., see P. Novák 104–107 (1992) 1499
- Kurisu, M., T. Takabatake and H. Fujii, Structural and magnetic phase transitions in  $\text{UPd}_2\text{In}$  under pressure – strong depression of magnetism with pressure? 104–107 (1992) 29
- Kurisu, M., S. Matsuda, T. Suzuki and T. Fujita, Superconductivity in  $\text{La}_2\text{CuO}_4$  under pressure: two step superconducting transition and decrease in  $T_c$  with pressure 104–107 (1992) 515
- Kuriyama, H., see M. Mekata 104–107 (1992) 825
- Kuriyama, H., see M. Mekata 104–107 (1992) 859
- Kuroda, K., see T. Goto 104–107 (1992) 135
- Kuromoto, T.Y., see D.J. Webb 98 (1991) 71
- Kürsch, R., see E. Scheer 104–107 (1992) 175
- Kurzawa, M., see T. Groń 101 (1991) 148
- Kusov, A.A., see S.S. Jaswal 109 (1992) 151
- Kusuda, T., see M. Nawate 104–107 (1992) 1861
- Kuwai, T., see T. Miyadai 104–107 (1992) 47
- Kuwai, T., see Y. Miyako 108 (1992) 190
- Kuzmenko, V.V., see V.V. Rossikhin 104–107 (1992) 2127
- Kuzminski, M., see P.T. Squire 104–107 (1992) 109
- Kuznietz, M., H. Pinto and M. Melamud, Note on the magnetism of  $\text{UCo}_2\text{Ge}_2$  96 (1991) 245
- Kuznietz, M., H. Pinto, H. Ettetdgui and M. Melamud, Magnetic ordering in the solid solutions  $\text{UCoNiSi}_2$  and  $\text{UNiCuSi}_2$  104–107 (1992) 13
- Kvardakov, V.V., see J. Sandomis 104–107 (1992) 350
- Kwon, Y.S., see K. Komorita 104–107 (1992) 1241
- Kwon, Y.S., see Y. Okayama 108 (1992) 113
- Laad, M. and D.K. Ghosh, Extended Hubbard model in 2 dimensions 104–107 (1992) 741
- Labarta, A., see F. Badia 93 (1991) 425
- Labarta, A., see B. Martinez 104–107 (1992) 123
- Labarta, A., see M.T. Causa 104–107 (1992) 1649
- Laborde, O., see J.C. Martinez 104–107 (1992) 601
- Labro, M., see A. Mordijck 104–107 (1992) 2081
- Labrune, M. and J. Miltat, Numerical simulation of weak stripe domains 104–107 (1992) 241
- Labrune, M., J. Miltat, J.P. Jakubovics, A.M. Thompson and J.N. Chapman, Wall structure in cobalt thin films 104–107 (1992) 343
- Lacerda, A., see A. de Visser 108 (1992) 56
- Lacerda, A., see P.C. Canfield 108 (1992) 217
- Lachowicz, H.K., see A. Siemko 101 (1991) 16
- Lachowicz, H.K., see A. Slawska-Waniewska 101 (1991) 40
- Lachowicz, H.K., see A. Ślawska-Waniewska 104–107 (1992) 119
- Lacorre, P., see M. Leblanc 92 (1991) 359
- Lacorre, P., J. Pannetier, M. Leblanc and G. Ferey, Ordered magnetic frustration. XIII. Monte Carlo simulations of the magnetic behaviour of  $\text{Fe}_3\text{F}_8(\text{H}_2\text{O})_2$  92 (1991) 366
- Lacorre, P., J. Pannetier and G. Ferey, Ordered magnetic frustration. XIV. The magnetic structure of the tetragonal bronze  $\text{KMnFeF}_6$  94 (1991) 331
- Lacorre, P., M. Leblanc, J. Pannetier and G. Ferey, Ordered magnetic frustration. XV. Re-examination of the magnetic structure of  $\alpha\text{-KCrF}_4$  94 (1991) 337
- Lacour, C., see H. Stroumbos 104–107 (1992) 633
- Lacroix, C. and J.P. Gavigan, Interlayer coupling in magnetic multilayers: analogy to superexchange processes in insulators 93 (1991) 413
- Lacroix, C., Magnetic properties of the Kondo lattice 100 (1991) 90
- Lacroix, C., see M.D. Nunez-Regueiro 104–107 (1992) 285
- Lacroix, C. and C. Pinettes, Itinerant antiferromagnetism in a frustrated lattice 104–107 (1992) 751
- Lacroix, C., see R. Ballou 104–107 (1992) 753
- Lacroix, C., see G. Ortiz 108 (1992) 179
- Lafford, T.A., see M.R.J. Gibbs 104–107 (1992) 327
- Lagunas, A.R., see M.C. Contreras 93 (1991) 233
- Lähderanta, E., see R. Laiho 104–107 (1992) 491
- Lähderanta, E., R. Laiho, A. Lashkul, V. Zahvalinski, S.B. Roy and A.D. Caplin, Spin-glass like behaviour of  $(\text{Zn}_{1-x}\text{Mn}_x)_3\text{As}_2$  104–107 (1992) 1605
- Lahlou-Mimi, M., M. Leblanc and J.M. Grenèche, Structural and magnetic aspects of a mixed fluoride series:  $\text{Fe}_{1-x}\text{Ga}_x\text{F}_3$  ( $0 \leq x \leq 1$ ) 92 (1991) 375

- Lahlou-Mimi, M., see J. Renaudin 92 (1991) 381
- Lai, W.-Y., see Z.-q. Li 98 (1991) 47
- Lai, W.-Y., see Q.-Q. Zheng 104–107 (1992) 1019
- Lai, W.-Y., see Z. Zeng 104–107 (1992) 1157
- Laiho, R., V. Zakosarenko and E. Lähderanta, Influence of light on the magnetic moment of ceramic high- $T_c$  superconductors and SQUIDS 104–107 (1992) 491
- Laiho, R., see E. Lähderanta 104–107 (1992) 1605
- Laligant, Y., see V. Carteaux 94 (1991) 127
- Laloe, R., see D.H. Mosca 93 (1991) 480
- Laloe, R., see D.H. Mosca 94 (1991) L1
- Lamarche, G., see J. Lamazares 104–107 (1992) 997
- Lamazares, J., F. Gonzalez-Jimenez, E. Jaimes, L. D'Onofrio, R. Iraldi, G. Sanchez-Porras, M. Quintero, J. Gonzalez, J.C. Woolley and G. Lamarche, Magnetic, transport, X-ray diffraction and Mössbauer measurements on  $\text{CuFeSe}_2$  104–107 (1992) 997
- Lambert, P.M., Structural and magnetic properties of lithium-intercalated cobalt bulk-doped  $\gamma\text{-Fe}_2\text{O}_3$  97 (1991) 329
- Lambert, S.E., see C. Schoenenberger 93 (1991) 123
- Lambert-Andron, B., see J. Pierre 104–107 (1992) 1207
- Lambrick, D.B., see C.I. Gregory 104–107 (1992) 689
- Lambrick, D.B., see P.R. Bissell 104–107 (1992) 1551
- Lamelas, F.J., see R. Clarke 93 (1991) 53
- Landau, D.P., see R.W. Gerling 104–107 (1992) 246
- Landau, D.P. and K. Binder, Monte Carlo simulation of phase transitions in thin Ising films 104–107 (1992) 841
- Landau, D.P. and R.W. Gerling, Critical dynamics in the two-dimensional XY-model 104–107 (1992) 843
- Landee, C.P. and R.E. Greeney, Two new insulating ferromagnets  $\text{CHA}_2\text{CuBr}_4$  and  $\text{CPA}_2\text{CuCl}_4$  104–107 (1992) 788
- Lander, G.H. and G. Aeppli, Neutron scattering studies of magnetic properties of actinide systems 100 (1991) 151
- Lang, M., see E. Scheer 104–107 (1992) 175
- Lang, M., see F. Steglich 108 (1992) 5
- Lange, J., see P.C.M. Gubbens 98 (1991) 141
- Lange, Th., see D. Görlitz 104–107 (1992) 339
- Langlet, M., see J.L. Deschanvres 101 (1991) 224
- Lanotte, L. and P. Matteazzi, Magnetic behaviour of  $\text{Fe}_{1-x}\text{Cu}_x$  powders after milling 101 (1991) 178
- Lanotte, L., see D. Fiorani 104–107 (1992) 141
- Lanotte, L. and C. Luponio, Magnetomechanical coupling and structure of  $\text{Co}_{1-x}\text{P}_x$  alloys obtained by electrochemical deposition 104–107 (1992) 2006
- Lapierre, F. and P. Haen, Resistivity anisotropy in  $\text{CeRu}_2\text{Si}_2$  108 (1992) 167
- Laplanche, G., see J.P. Eymery 93 (1991) 179
- Lara, G.A. and G.G. Cabrera, A mean field approach for an extended Hubbard model with correlated hopping: interplay of antiferromagnetism and superconductivity 104–107 (1992) 499
- Larica, C., E.M. Baggio-Saitovitch, S.K. Xia, Vapor quenched  $\text{Ag}_{1-x}\text{Fe}_x$  alloys: in situ Mössbauer studies 110 (1992) 106
- Laridjani, M., see F. Machizaud 92 (1990) 207
- Larrea, A., J. Bartolomé, A. Morales, J. Morales and G. Waysand, Magnetic phase diagram of colloidal superconducting microspheres of tin 104–107 (1992) 229
- Lascaray, J.P., F. Hamdani, D. Coquilat and A.K. Bhattacharjee, Carrier-ion exchange interaction in diluted magnetic semiconductors 104–107 (1992) 995
- Lashkul, A., see E. Lähderanta 104–107 (1992) 1605
- Lassri, H., see R. Krishnan 98 (1991) 155
- Lassri, H., see J. Teillet 101 (1991) 43
- Lassri, H. and R. Krishnan, Random anisotropy studies in amorphous Fe–Er–B–Si alloys 104–107 (1992) 157
- Lataifeh, M., see C. Carboni 104–107 (1992) 1513
- Łątka, K., see J.P. Sanchez 99 (1991) 95
- Latuszkiewicz, J., see K. Szymański 99 (1991) 222
- Laughlin, D.E., see Y. Shen 94 (1991) 57
- Lauter, H.J., see J.A.C. Bland 93 (1991) 331
- Lauter, H.J., see J.A.C. Bland 93 (1991) 513
- Lauter, H.J., see J.A.C. Bland 104–107 (1992) 1798
- Lauter, H.J., see J.A.C. Bland 104–107 (1992) 1909
- Lavrinenko, N.M., see I.M. Vitebskii 97 (1991) 263
- Lawrence, J.M., A.J. Arko, J.J. Joyce, P.C. Canfield, Z. Fisk, J.D. Thompson and R.J. Bartlett, Photoemission in  $\text{YbCu}_2\text{Si}_2$ : problems with the Kondo impurity model 108 (1992) 215
- Lawson, A.C., see R.A. Robinson 98 (1991) 147
- Lawson, A.C., see H. Maletta 104–107 (1992) 21
- Lawson, G.R., see S.R. Hoon 104–107 (1992) 967
- Layadi, A. and J.O. Artman, Ferromagnetic resonance in a coupled two-layer system 92 (1990) 143
- Lázaro, F.J., L.M. García, F. Luis, C. Rillo, J. Bartolomé, D. Fruchart, O. Isnard, S. Miraglia, S. Obbade and K.H.J. Buschow, Systematic magnetic ac susceptibility study of  $(\text{RE})_2\text{Fe}_{14}\text{BH}_x$  and  $(\text{RE})_2\text{Fe}_{14}\text{CH}_x$  101 (1991) 372
- Lázaro, F.J., see C. Piqué 104–107 (1992) 1167
- Lázaro, F.J., see F. Palacio 104–107 (1992) 2101
- Lazukov, V.N., see P.A. Alekseev 110 (1992) 119
- Le Breton, J.M. and J. Teillet, Mössbauer and X-ray study of NdFeB type permanent magnets oxidation: effect of Al and Nb addition 101 (1991) 347

- Le Caër, G. and S.M. Dubiel, Influence of spin-density-wave parameters on  $^{119}\text{Sn}$ -site Mössbauer spectra of chromium: theoretical calculations 92 (1990) 251
- Le Corre, A., see S. Auffret 104–107 (1992) 1209
- Le Dang, K., see C. Chappert 93 (1991) 319
- Le Dang, K., see F. Giron 104–107 (1992) 1887
- Le Floc'h, C., see M. Le Floc'h 104–107 (1992) 1591
- Le Floc'h, M., A.M. Konn-Martin, P. Talbot and J.L. Mattei, Effect of perpendicular continuous field on initial susceptibility of soft ferrimagnetic materials 104–107 (1992) 401
- Le Floc'h, M., A.M. Konn, Ph. Talbot, J.L. Mattei, G. Menexiadis, C. Le Floc'h and C. Bayle, Susceptibility measurement in diluted magnetic media 104–107 (1992) 1591
- Le Gall, H., see A. Fessant 93 (1991) 242
- Le Gall, H., see A. Rakii 93 (1991) 247
- Le Lirzin, A., J. Darriet, R. Georges and J.L. Soubeyrou, On the quasi-1D magnetic behavior of  $\text{Ba}_2\text{MnCoAl}_2\text{F}_{14}$ ,  $\text{Ba}_2\text{MnCuAl}_2\text{F}_{14}$  and related compounds 109 (1992) 47
- Le, L.P., see B.J. Sternlieb 104–107 (1992) 801
- Le Van Mao, R., see B.A. Lombos 93 (1991) 391
- Le, Z.-q., see G.-q. Liu 96 (1991) 155
- Leask, M.J.M., see B. Bleaney 104–107 (1992) 1245
- Lebech, B. and J. Wolny, Commensurate-incommensurate magnetic phase transitions in dhcp Nd metal 104–107 (1992) 1501
- Leblanc, M., G. Ferey, P. Lacorre and J. Pannetier, Ordered magnetic frustration. XII. The magnetic structures of  $\text{Fe}_3\text{F}_8(\text{H}_2\text{O})_2$  at 40 and 2 K 92 (1991) 359
- Leblanc, M., see P. Lacorre 92 (1991) 366
- Leblanc, M., see M. Lahlou-Mimi 92 (1991) 375
- Leblanc, M., see P. Lacorre 94 (1991) 337
- Leblanc, M., see J. Ostoréro 104–107 (1992) 425
- Leccabue, F., see L. Peraldo Bicelli 94 (1991) 267
- Leccabue, F., see O. Popov 99 (1991) 119
- Leciejewicz, J., see W. Bażela 96 (1991) 114
- Leciejewicz, J., see M. Kolenda 96 (1991) 121
- Leciejewicz, J., A. Szytuła and A. Zyg-munt, Magnetic properties of  $\text{UCuSi}$  and  $\text{UCuGe}$  by neutron diffraction 97 (1991) 219
- Leciejewicz, J., see W. Bażela 109 (1992) 305
- Ledbetter, H., see M. Földéáki 110 (1992) 185
- Lederman, D., see H. Ohta 104–107 (1992) 1741
- Lederman, M., see J. Hammann 104–107 (1992) 1617
- Lee, C.H., see C.J. Chien 93 (1991) 47
- Lee, C.H., see C.J. Lin 93 (1991) 194
- Lee, C.H., R.F.C. Farrow, B.D. Herms-meier, R.F. Marks, W.R. Bennett, C.J. Lin, E.E. Marinero, P.D. Kirchner and C.J. Chien, Molecular beam epitaxial growth and magnetic properties of Co–Pt superlattices oriented along the [001], [110] and [111] axes of Pt 93 (1991) 592
- Lee, Ch., see J.V. Harzer 104–107 (1992) 1863
- Lee, C.Y., see S.U. Jen 96 (1991) 82
- Lee, J.I., see S.C. Hong 99 (1991) L45
- Lee, J.I., see S.C. Hong 104–107 (1992) 659
- Lee, J.I., S.C. Hong and A.J. Freeman, Effects of band hybridization on in-terface magnetism: Ni overlayers on  $\text{Fe}(001)$  104–107 (1992) 1684
- Lee, J.-W., see M.A. Russak 104–107 (1992) 1851
- Lee, K.C., see S.U. Jen 96 (1991) 82
- Lee, K.M., see M.J. O'Shea 99 (1991) 103
- Lee, P.A. and N.R. Armstrong, Oxide formation on rare earth/transition metal and bimetallic transition metal thin films: modeling the effect of fourth element modifiers on  $\text{O}_2$  and  $\text{H}_2\text{O}$  surface chemistries 93 (1991) 159
- Lee, S., see C.K. Hou 109 (1992) 7
- Lee, S.L., see D.McK. Paul 104–107 (1992) 591
- Lee, S.L., see E.M. Forgan 104–107 (1992) 911
- Lee, S.L., see E.M. Forgan 104–107 (1992) 913
- Lee, S.L., see E.M. Forgan 104–107 (1992) 1519
- Lee, W.Y., see C.J. Yang 96 (1991) 60
- Lees, J.S., see J.S. Thorp 97 (1991) 112
- Lefez, V., see H. Vincent 101 (1991) 170
- Legoll, P., see J.L. Paillaud 96 (1991) 41
- Lehmann-Szweykowska, A., A. Koper, R. Wojciechowski and T. Tomalak, Theory of magnetic behaviour in calcium-doped yttrium iron garnet 104–107 (1992) 447
- Leite, M.M., A.M. Nemirovsky and M.D. Coutinho-Filho, Specific heat critical amplitudes and the ap-proach to bulk criticality in parallel plate geometries 104–107 (1992) 181
- Leitenbauer, G., see G. Schaudy 104–107 (1992) 477
- Lejay, P., see J.L. Jacoud 108 (1992) 131
- Lejay, P., see F. Hippert 108 (1992) 177
- Lejay, P., see P. Burlet 108 (1992) 202
- Lelievre, E., see M.D. Nunez-Regueiro 104–107 (1992) 285
- Lemaire, H., see Ph. Tenaud 101 (1991) 328
- Lemarchand, D., see N. Amri 101 (1991) 352
- Lemarchand, D., see J. Delamare 104–107 (1992) 1092
- Lemarquand, G., see C. Blache 104–107 (1992) 1106
- Lemarquand, G., see V. Lemarquand 104–107 (1992) 1109
- Lemarquand, G., see C. Blache 104–107 (1992) 1111
- Lemarquand, V. and G. Lemarquand, New structure of magnetic torque sensor 104–107 (1992) 1109
- Lenczowski, S.K.J., see J.H.P.M. Em-men 104–107 (1992) 473
- Leonato, M., see J.M. González 101 (1991) 397



- Leonato, M., see J.M. Gonzalez 104–107 (1992) 1179  
 Leonowicz, M., see A. Manaf 101 (1991) 360  
 Leonowicz, M., see A. Manaf 104–107 (1992) 1145  
 Leonowicz, M., see J.J. Wysocki 104–107 (1992) 1163  
 Leontiev, P.I., see S.A. Nikitin 92 (1991) 405  
 Lequien, S., see F. Petroff 93 (1991) 95  
 Lequien, S., see A. Fert 104–107 (1992) 1712  
 Lequien, S., see A. Barthélémy 104–107 (1992) 1816  
 Lera, F., R. Navarro, C. Rillo, L.A. Angurel, A. Badía and J. Bartolomé, Critical state models for inter and intragranular flux pinning in HTS ceramics: universal scaling laws 104–107 (1992) 615  
 Lera, F., see M. Artigas 104–107 (1992) 1993  
 Leschhorn, H. and T. Nattermann, Manifolds in random magnets 104–107 (1992) 161  
 Leschhorn, H., Moving interfaces in random Ising magnets 104–107 (1992) 309  
 Leschke, H., see T. Delica 104–107 (1992) 795  
 Lettau, C., see A.K. Gangopadhyay 103 (1992) 267  
 Lettau, K., see A.K. Gangopadhyay 103 (1992) 267  
 Levitin, R.Z., see I.L. Gabelko 94 (1991) 287  
 Levitin, R.Z., see R. Ballou 110 (1992) 209  
 Levy, J.C.S., see D. Mercier 93 (1991) 557  
 Levy, P.M. and S.F. Zhang, Theory of magnetoresistance in magnetic superlattices (*Invited paper*) 93 (1991) 67  
 Levy, P.M., see Y. Wang 93 (1991) 395  
 Lewis, B.A., see A.D. Beale 104–107 (1992) 365  
 Leylekian, L., Y.M. Tsipenyuk, M. Ocio and J. Hammann, Thermodynamic magnetic fluctuations in the 2D ferromagnet  $(\text{CH}_3\text{NH}_3)_2\text{CuCl}_4$  near the transition temperature 104–107 (1992) 775  
 Leylekian, L., see P. Bellot 108 (1992) 141  
 Lezhnenko, I.V., see N.A. Belous 110 (1992) 197  
 Li, C., A.J. Freeman and C.L. Fu, Electronic structure and magnetic properties of the hcp Co(0001) surface 94 (1991) 134  
 Li, C., see R.q. Wu 99 (1991) 71  
 Li, D.q., C.W. Hutchings, P.A. Dowben, C. Hwang, R.-T. Wu, M. Onellion, A.B. Andrews and J.L. Erskine, Angle-resolved photoemission evidence for a Gd(0001) surface state 99 (1991) 85  
 Li, H., see R.w. Gao 95 (1991) 205  
 Li, H.-s. and W. Tang, New results in the calculation of the spin reorientation and magnetic structure for  $\text{R}_2\text{T}_{14}\text{B}$  97 (1991) 37  
 Li, H.-S. and J.M. Cadogan, Exchange and crystal field interactions in  $\text{Sm}_2\text{Fe}_{17}\text{N}_{3-\delta}$  103 (1992) 53  
 Li, H.-S., Y.P. Li and J.M.D. Coey, Theoretical evaluation of R–T and R–R exchange coefficients in rare-earth (R)–transition-metal (T) intermetallic compounds 104–107 (1992) 1444  
 Li, H.-s. and B.-t. Xie, On the magnetic phase transition of the pseudoternary system  $(\text{R},\text{R}')_2\text{Fe}_{14}\text{B}$  under low temperature conditions 109 (1992) 113  
 Li, H.-S. and J.M. Cadogan, Determination of the leading crystal-field parameter  $A_{20}$  in  $\text{NdFe}_{11}\text{TiN}_{1-\delta}$  compounds (*Letter to the Editor*) 109 (1992) L153  
 Li, H.-S., see J.M. Cadogan 110 (1992) L15  
 Li, H.-S., see J.M. Cadogan 110 (1992) L20  
 Li, J.-L., see K. Hono 110 (1992) L254  
 Li, J.N., see Z. Tarnawski 104–107 (1992) 613  
 Li, J.Y., see R.J. Radwański 101 (1991) 392  
 Li, J.Y., see R.J. Radwański 104–107 (1992) 1139  
 Li, J.Y., see J.P. Kuang 104–107 (1992) 1475  
 Li, M.S., L.Q. Nguyen, A.V. Vedyayev and H. Zung, Magnetic properties of frustrated Ising ferrimagnets 96 (1991) 175  
 Li, Q.A., see N. Tang 104–107 (1992) 1086  
 Li, W.Z., see Y. Wang 102 (1991) 121  
 Li, X., see T.H. Jacobs 104–107 (1992) 1275  
 Li, X., see G.F. Zhou 109 (1992) 265  
 Li, Y., see M. Farie 93 (1991) 215  
 Li, Y., M. Farle and K. Baberschke, Ferromagnetic resonance in ultrathin Ni(111)/W(110) 93 (1991) 345  
 Li, Y.P., see H.-S. Li 104–107 (1992) 1444  
 Li, Z.q., H.I. Luo, W.y. Lai, Z. Zeng and Q.q. Zheng, Cluster studies on the electronic and magnetic properties of MnBi and MnBiAl 98 (1991) 47  
 Li, Z.-Q., see Q.-Q. Zheng 104–107 (1992) 1019  
 Li, Z.-y., see Y.-q. Ma 96 (1991) 315  
 Li, Z.Y., see T. Hai 97 (1991) 227  
 Li, Z.Y., see S. Skanthakumar 104–107 (1992) 519  
 Liang, J.-z., M.-j. Yu, N. Tang, Y.L. Liu, J.F. Liu, S.Q. Ji and G.M. Chen, Mössbauer study of  $(\text{Sm}_{1-x}\text{Nd}_x)_2\text{Fe}_{17}$  and  $(\text{Sm}_{1-x}\text{Nd}_x)_2\text{Fe}_{17}\text{N}_y$  compounds 102 (1991) 217  
 Liang, J.-Z., see B.-G. Shen 104–107 (1992) 1088  
 Liao, L.X., see X. Chen 109 (1992) 271  
 Licci, F., see L. Albanese 104–107 (1992) 509  
 Lichtchenko, O., see M. Kisielowski 101 (1991) 213  
 Liehr, M., see K. Boockmann 101 (1991) 345  
 Lienard, A., see M.C. Contreras 93 (1991) 233  
 Likodimos, W., N. Guskos, C.A. Londos, S.M. Paraskevas, A. Koufoudakis, C. Mitros, H. Gamari-Seale and A.D. Niarchos, EPR spectrum of  $\text{Tm}^{2+}$  ions in the tetragonal phase of (La, Tm)–Ba–Cu–O compound 104–107 (1992) 563  
 Lileev, A.S., see A.M. Gabay 97 (1991) 256  
 Lileev, A.S., see A.M. Gabay 103 (1992) 151

- Lileev, A.S., see A.M. Gabay 109 (1992) 213
- Lim, D.W., H. Kato, M. Yamada, G. Kido and Y. Nakagawa, Spin reorientation and first-order magnetization processes in  $(\text{Er}_{1-x}\text{Tb}_x)_2\text{Fe}_{14}\text{B}$  104–107 (1992)1429
- Lim, S.P., see B.R. Cooper 108 (1992) 10
- Lin, C.J., see C.J. Chien 93 (1991) 47
- Lin, C.J., G.L. Gorman, C.H. Lee, R.F.C. Farrow, E.E. Marinero, H.V. Do, H. Notarys and C.J. Chien, Magnetic and structural properties of Co/Pt multilayers (*Invited paper*) 93 (1991) 194
- Lin, C.J., see C.H. Lee 93 (1991) 592
- Lin, C.L., see T. Yuen 109 (1992) 98
- Lin, D.L., see T. Hai 97 (1991) 227
- Lin, H., M.F. Collins, T.M. Holden and W. Wei, Magnetic structure of erbium in a field 104–107 (1992)1511
- Linares, J., see A. Boussekou 104–107 (1992) 225
- Linares, J., see A. Boussekou 110 (1992) 295
- Linderroth, S., Annealing studies of ultrafine amorphous Fe–B alloy particles 104–107 (1992) 128
- Linderroth, S., Temperature dependence of the magnetic hyperfine field of chemically prepared amorphous Fe–B alloy particles 104–107 (1992) 167
- Linderroth, S. and S.N. Khanna, Superparamagnetic behaviour of ferromagnetic transition metal clusters 104–107 (1992)1574
- Linderroth, S., see P.V. Hendriksen 104–107 (1992)1577
- Lindgård, P.A., see H.M. Mayer 97 (1991) 210
- Lindgård, P.A., see H.M. Mayer 104–107 (1992)1295
- Lindgård, P.-A., see P.V. Hendriksen 104–107 (1992)1577
- Lindgård, P.-A., Vibrationally reduced magnetic interactions in Cu and the magnetic ordering in a magnetic field 104–107 (1992)2109
- Lindgård, P.-A., see B.N. Harmon 104–107 (1992)2113
- Lindroos, V., see M. Talvitie 102 (1991) 323
- Lipka, J., see A. Grusková 101 (1991) 227
- Lipowski, A., Coherent anomaly method with modified Bethe approximation 96 (1991) 267
- Lippelt, E., see A. Schenck 108 (1992) 97
- Lisiecki, J., see T. Kulik 109 (1992) 228
- Lisovsky, Yu.A., see P.V. Zhorin 109 (1992) 375
- Litschke, H., M. Schilberg, Th. Kleinfeld and B. Hillebrands, Spinwave dynamics in Fe–Ni double layers and multilayers 104–107 (1992)1807
- Liu, B., W.W. Clegg and C.D. Wright, The effect of bulk hysteresis loop on the recording performance of magneto-optic films 101 (1991) 245
- Liu, C. and S.D. Bader, Magnetic properties of ultrathin epitaxial films of iron (*Invited paper*) 93 (1991) 307
- Liu, G.-q., Z.-q. Yu and Z.-q. Le, Faraday effect and the effective field theory in solid materials 96 (1991) 155
- Liu, J., H. Luo and J. Wan, Magnetic properties and electron microscopy analysis of Nb-containing (NdDy)-FeB sintered magnets 103 (1992) 65
- Liu, J.F. and H.L. Luo, On the coercive force and effective activation volume in magnetic materials 94 (1991) 43
- Liu, J.F., see J.-z. Liang 102 (1991) 217
- Liu, J.P., F.R. De Boer and K.H.J. Buschow, Magnetic coupling in the rare-earth compounds  $\text{RFe}_2$  and  $\text{RFe}_3$  98 (1991) 291
- Liu, J.P., see T.H. Jacobs 104–107 (1992)1275
- Liu, J.Z., see T.W. Clinton 104–107 (1992) 625
- Liu, W., see Z.-g. Zhao 96 (1991) 211
- Liu, W., see Z.-g. Zhao 97 (1991) 79
- Liu, W., see Q. Wang 109 (1992) 59
- Liu, Y., see T.E. Grigereit 104–107 (1992) 831
- Liu, Y.H., see X.D. Ma 95 (1991) 199
- Liu, Y.H., see H.R. Zhai 104–107 (1992)1825
- Liu, Y.H., see H. Wang 104–107 (1992)1827
- Liu, Y.L., see J.-z. Liang 102 (1991) 217
- Liu, Y.L., see N. Tang 104–107 (1992)1086
- Liu, Z.-X., see C.-B. Peng 92 (1991) 353
- Loaëc, J., see A. Fessant 93 (1991) 242
- Loaëc, L., see A. Rakii 93 (1991) 247
- Lockwood, D.J., M.G. Cottam and J.H. Baskey, One- and two-magnon excitations in NiO 104–107 (1992)1053
- Lodder, J.C., see J. Šimšová 95 (1991) 85
- Lodder, J.C., see T. Masuda 95 (1991) 123
- Lodder, J.C., see J. Šimšová 101 (1991) 196
- Lodder, J.C., see W.J.M.A. Geerts 104–107 (1992) 971
- Lodder, J.C., see T. Katayama 104–107 (1992)1002
- Loewenhaupt, M., see P.C.M. Gubbens 98 (1991) 141
- Loewenhaupt, M., see P.C.M. Gubbens 104–107 (1992)1283
- Logothetidis, S., S. Bouladakis, N.K. Flevaris and D. Fuchs, Optical properties of Pd–Ni multilayers by spectroscopic ellipsometry 93 (1991) 444
- Loidl, A., see A. Krimmel 103 (1992) 73
- Loidl, A., see A. Krimmel 104–107 (1992) 25
- Loidl, A., see F. Steglich 108 (1992) 5
- Loison, D. and H.T. Diep, Elementary excitations and magnetic properties of Heisenberg stacked antiferromagnetic triangular thin film 104–107 (1992)1689
- Loktev, V.M., see M.A. Ivanov 99 (1991) 323
- Loloe, R., see J. Mattsson 104–107 (1992)1619
- Loloe, R., see J. Mattsson 104–107 (1992)1623
- Loloe, R., see A. Fert 104–107 (1992)1712
- Loloe, R., see L. Piraux 110 (1992)1247

- Lombos, B.A., M. Averous, C. Fau, R. Le Van Mao, P. Silvestre and A. Jean, Three dimensional superlattice in  $\text{Pb}_{1-x}\text{Gd}_x\text{Te}$  (Wigner's crystallization) 93 (1991) 391
- Londos, C.A., see W. Likodimos 104–107 (1992) 563
- Long, G.J., see O.A. Pringle 104–107 (1992) 1123
- Long, G.J., see D.E. Tharp 104–107 (1992) 1477
- Long, P., see R.-Y. Fang 104–107 (1992) 1031
- Lopes, C.O., M.A. Sens and J.R. Teodósio, Secondary recrystallization and magnetic properties of an Fe–50Ni–1.26Mn alloy 94 (1991) 53
- López, E., see C. Morón 101 (1991) 59
- López, E., see P. Sánchez 104–107 (1992) 145
- Lopez, E., see M. Maicas 104–107 (1992) 319
- Lopez, V.M., see M.S. Torikachvili 104–107 (1992) 69
- López-Quintela, M.A., see J. Rivas 101 (1991) 403
- Lord, J.S., see S.J. Dawson 104–107 (1992) 373
- Lord, J.S., see P.C. Riedi 104–107 (1992) 503
- Lord, J.S., see R.G. Graham 104–107 (1992) 641
- Lord, J.S., see J.F. Gregg 104–107 (1992) 957
- Lord, J.S., see J.G.M. Armitage 104–107 (1992) 1935
- Lottis, D., F. Petroff, A. Fert and M. Konczykowski, Local Hall probe magnetometry: application to magnetic multilayers 104–107 (1992) 1811
- Lottis, D.K., see A. Fert 104–107 (1992) 1712
- Lounasmaa, O.V., see P. Hakonen 100 (1991) 394
- Lourens, J.A.J. and G.H. Wostenholm, Note on mixed magnetic states and critical behaviour in Cr–Si alloys 96 (1991) 301
- Lourens, J.A.J., H.L. Alberts and S. Aarås, Thermal expansion and velocity of sound of Gd–Sm alloys through the magnetic transition temperatures 104–107 (1992) 1535
- Lousa, A., see F. Badia 93 (1991) 429
- Lovas, A., see É. Kisdi-Koszó 92 (1990) 181
- Lovas, A., see G. Vértesy 102 (1991) 135
- Lovas, A., see A. Burgstaller 109 (1992) 117
- Löw, J., see H. Benner 104–107 (1992) 1077
- Lu, M., see H.R. Zhai 104–107 (1992) 1015
- Lu, M., see H.R. Zhai 104–107 (1992) 1027
- Lu, M., see H.R. Zhai 104–107 (1992) 1825
- Lu, M., see H. Wang 104–107 (1992) 1827
- Lu, Q., see D. Givord 104–107 (1992) 1129
- Lu, Y., see N. Tang 104–107 (1992) 1086
- Lubecka, M., L.J. Maksymowicz, R. Żuberek and W. Powroźnik, Semiconductor magnetic thin films of  $\text{Cd}_{1-x}\text{In}_x\text{Cr}_2\text{Se}_4$  and  $\text{CdCr}_{2x}\text{In}_{2-2x}\text{Se}_4$  93 (1991) 432
- Lucari, F., see F. D'Orazio 104–107 (1992) 441
- Lucente, S., see D. Ajò 104–107 (1992) 1997
- Lucenti, M., see G. Turilli 97 (1991) 338
- Lucenti, M., see G. Turilli 104–107 (1992) 1143
- Luchini, M.U., see K.S. Chana 104–107 (1992) 743
- Lucinski, T., see R. Gontarz 101 (1991) 253
- Luckscheiter, B., see J. Voigt 93 (1991) 341
- Lugert, G., see P. Bruno 93 (1991) 605
- Luginets, A.M., see S.N. Barilo 102 (1991) 30
- Lugovoi, A.A. and E.A. Turov, Joint antiferromagneto-acoustical resonances in thin films (*Letter to the Editor*) 92 (1991) L291
- Lührmann, B., M. Ye, H. Dötsch and A. Gerspach, Nonlinearities in the ferrimagnetic resonance in epitaxial garnet films 96 (1991) 237
- Luis, F., see F.J. Lázaro 101 (1991) 372
- Luis, F., see J. Bartolomé 101 (1991) 411
- Luis, F., B. Maté, C. Piqué, R. Burriel, J. Bartolomé and K.H.J. Buschow, A thermodynamic study of the  $\text{R}_2\text{Fe}_{14}\text{X}$ ; X = B, C at the Curie temperature 101 (1991) 414
- Lukash, K., see J. Jalishev 102 (1991) 208
- Luke, G.M., see B.J. Sternlieb 104–107 (1992) 801
- Lundgren, L., see P. Granberg 92 (1990) 228
- Lundgren, L., see K. Gunnarsson 104–107 (1992) 1607
- Lundgren, L., see J. Mattsson 104–107 (1992) 1619
- Lundgren, L., see J. Mattsson 104–107 (1992) 1621
- Lundgren, L., see J. Mattsson 104–107 (1992) 1623
- Luo, H., see J. Liu 103 (1992) 65
- Luo, H., see P. Kłosowski 104–107 (1992) 1795
- Luo, H.L., see J.F. Liu 94 (1991) 43
- Luo, H.L., see Z.q. Li 98 (1991) 47
- Luo, H.L., see W.H. Qiao 110 (1992) 170
- Luong, N.H., N.P. Thuy and J.J.M. Franse, Spin reorientation in  $\text{Nd}_{1-x}\text{Y}_x\text{Fe}_{11}\text{Ti}$  104–107 (1992) 1301
- Luponio, C., see L. Lanotte 104–107 (1992) 2006
- Lütgemeier, H., see H. Štěpánková 104–107 (1992) 409
- Lütgemeier, H., see A. Campos 104–107 (1992) 431
- Lüthi, B., see W. Palme 104–107 (1992) 805
- Lüthi, B., see P. Thalmeier 108 (1992) 109
- Lutovinov, V.S., see D.A. Garanin 104–107 (1992) 291
- Lutz, M., see F. Meier 93 (1991) 523
- Lyakhimets, S., see A. Maziewski 104–107 (1992) 361
- Lyberatos, A., see P.R. Bissell 95 (1991) 27
- Lykov, V.V., see M.V. Chetkin 103 (1992) 325
- Lynn, H.D., see M.L. Spano 104–107 (1992) 1537
- Lynn, J.W., see S.C. Yu 97 (1991) 286
- Lynn, J.W., see S. Skanthakumar 104–107 (1992) 519
- Lynn, J.W., see T.W. Clinton 104–107 (1992) 625
- Lynn, J.W., see H. Zhang 104–107 (1992) 821
- Lyra, M.L. and S.B. Cavalcanti, Hole-hole correlations induced by magnetic frustration 104–107 (1992) 587
- Ma, H., Z. Wang, H.P. Kunkel, G. Williams, D.H. Ryan and J.O. Ström-Olsen, Effects of hydrogen on



- the magnetic properties of amorphous  $\text{Fe}_{90}\text{Sc}_{10}$  104–107 (1992) 89
- Ma, T.-J., see R.-Y. Fang 104–107 (1992) 1031
- Ma, X.D., Y.H. Liu and L.M. Mei, Conversion electron Mössbauer spectroscopy study of compositionally modulated  $\text{FeSi}/\text{Si}$  amorphous films 95 (1991) 199
- Ma, X.-d., see H.-q. Guo 99 (1991) 199
- Ma, X.D., see H. Wang 104–107 (1992) 1827
- Ma, Y.-q. and Z.-y. Li, Instability in the quantum Sherrington–Kirkpatrick Ising spin glass with a transverse and a trimodal random longitudinal field 96 (1991) 315
- Macchietto, R., see M. Cerdonio 101 (1991) 92
- Macedo, W.A.A., W. Keune and E.D. Ellerbrock, Magnetic properties of ultrathin epitaxial fcc- $\text{Fe}(001)$  films on  $\text{Cu}(001)$  and  $\text{Cu}_3\text{Au}(001)$  93 (1991) 552
- Macêdo, A.M.S., C.A. Macêdo and M.D. Coutinho-Filho, Ferromagnetism in fcc Hubbard clusters 104–107 (1992) 679
- Macêdo, C.A., see A.M.S. Macêdo 104–107 (1992) 679
- Machado da Silva, J.M., see J.B. Oliveira 104–107 (1992) 1152
- Machado, F.L.A., see E. Montarroyos 104–107 (1992) 149
- Machado, F.L.A., see F.C. Montenegro 104–107 (1992) 277
- Machado, F.L.A., see D.P. Yang 109 (1992) 1
- Machi, T., I. Tomeno, T. Miyatake, K. Tai, N. Koshizuka, S. Tanaka and H. Yasuoka, NQR in  $\text{Y}_{1-x}\text{Ca}_x\text{Ba}_2\text{Cu}_4\text{O}_8$  ( $x = 0, 0.075$ ) 104–107 (1992) 635
- Machizaud, F., M. Laridjani and E. du Tremolet de Lacheisserie, Correlation between structural and magnetoelastic properties in sputtered Ni-rich  $\text{Ni}_{100-x}\text{Y}_x$  alloys 92 (1990) 207
- Machizaud, F., see M. Naili 104–107 (1992) 1769
- Maciejewski, W., Spin wave resonance approach to the Kirkendall effect in magnetic multilayer films 101 (1991) 187
- Mackintosh, A.R., see J. Jensen 104–107 (1992) 1481
- Macko, P., see A. Bobák 109 (1992) 172
- Madai, E. and A. Tolke, The field of rigid magnetized bars – a complex calculation 101 (1991) 293
- Madar, R., see J. Pierre 104–107 (1992) 1207
- Madeiro de Melo, L.R., see J. Albino Aguiar 104–107 (1992) 547
- Madsen, M.B., see F. Bødker 104–107 (1992) 1695
- Maeda, H., see I. Nakai 104–107 (1992) 121
- Maeda, K., see I. Matsubara 104–107 (1992) 427
- Maeda, Y., see K. Hono 110 (1992) L254
- Maekawa, S., see J. Inoue 104–107 (1992) 1883
- Maeta, H., see L. Bang 104–107 (1992) 147
- Maezawa, K., T. Kato, Y. Isikawa and K. Sato, De Haas–van Alphen effect and magnetoresistance in  $\text{PrNi}$  and  $\text{NdNi}$  104–107 (1992) 1365
- Maffi, S., see L. Peraldo Bicelli 94 (1991) 267
- Mager, S., see J. Wieting 101 (1991) 128
- Mahmood, S., see A.S. Saleh 99 (1991) 152
- Maicas, M., E. Lopez, C. Aroca, P. Sanchez and M.C. Sanchez, Interaction between a Bloch domain wall and a pinning plane 104–107 (1992) 319
- Mailfert, A., see T. Barradi 104–107 (1992) 387
- Maj, W., see A. Wawro 109 (1992) 13
- Major, L.E., see G.A. Gehring 108 (1992) 87
- Makabe, T., see T. Harada 104–107 (1992) 1955
- Maki, K., see A. Forkl 101 (1991) 367
- Maki, K., see K. Konno 104–107 (1992) 1369
- Maki, K., see K. Behnia 108 (1992) 133
- Makihara, Y., H. Fujii, K. Hiraoka, H. Nagata and T. Hihara, Magnetic phase transitions in the  $\text{Gd}(\text{Mn}_{1-x}\text{Co}_x)_2$  system 96 (1991) 305
- Mäkinen, S., see M. Talvitie 102 (1991) 323
- Maksymowicz, A., see K. Kułakowski 110 (1992) L11
- Maksymowicz, A.Z., see L.J. Maksymowicz 93 (1991) 435
- Maksymowicz, A.Z., J.S.S. Whiting, M.L. Watson and A. Chambers, Ferromagnetic resonance in coupled permalloy double films separated by a Cu interlayer 94 (1991) 109
- Maksymowicz, A.Z., see S. Kaprzyk 104–107 (1992) 2019
- Maksymowicz, L.J., see M. Lubecka 93 (1991) 432
- Maksymowicz, L.J., H. Jankowski, A.Z. Maksymowicz, Coupling interaction in  $\text{FeBSi}/\text{Si}$  and  $\text{FeBSi}/\text{Pt}$  multilayered structure 93 (1991) 435
- Maksymowicz, L.J., see J. Nowak 94 (1991) 251
- Maksymowicz, L.J. and H. Jankowski, FMR experiment in multilayer structure of  $\text{FeBSi}/\text{Pd}$  109 (1992) 341
- Malaman, B., see G. Venturini 94 (1991) 35
- Malaman, B., G. Venturini, A. Blaise, G. Amoretti and J.P. Sanchez, Magnetic properties of  $\text{PrFe}_2\text{X}_2$  ( $\text{X} = \text{Si}, \text{Ge}$ ) intermetallics 104–107 (1992) 1359
- Malaura, J.C., H. Duval and P. Dhez, The determination of the period of magnetic multilayers by the X-ray energy dispersive diffraction method 93 (1991) 164
- Maletka, C., see M. Kolenda 96 (1991) 121
- Maletka, K., see W. Bažela 109 (1992) 305
- Maletta, H., R.A. Robinson, A.C. Lawson, V. Sechovský, L. Havela, L. Jirman, M. Divis, E. Brück, F.R. De Boer, A.V. Andreev, K.H.J. Buschow and P. Burlet, On the magnetic structure of  $\text{UNiGa}$  104–107 (1992) 21

- Maletta, H., M. Weber, A. Amato, J. Bock, V.N. Duginov, V.G. Grebinnik, F.N. Gygax, S. Kapusta, B.F. Kirillov, V.G. Olshevsky, A.V. Pirogov, Y.Yu. Pomjakushin, A.N. Ponomarev, E. Preisler, A. Schenck, V.G. Storchak and V.A. Zhukov, Charge transfer and carrier density in Bi-2212 high- $T_c$  superconductors 104–107 (1992) 495
- Malik, S.K., R. Vijayaraghavan, D.T. Adroja, B.D. Padalia and A.S. Edelstein, Structural and magnetic studies on  $R\text{InPt}_4$  ( $R = \text{La} - \text{Tm}$ ) compounds 92 (1990) 80
- Malik, S.K., see D.T. Adroja 100 (1991) 126
- Malik, S.K. and D.T. Adroja, Magnetic behaviour of  $\text{RPdSb}$  ( $R = \text{rare earth}$ ) compounds 102 (1991) 42
- Malik, S.K., see G. Balakrishnan 104–107 (1992) 469
- Malik, S.K., J. Tang and K.A. Gschneidner Jr., Crystalline electric field effects in  $\text{CeCd}_{11}$  and  $\text{PrCd}_{11}$  109 (1992) 316
- Malkawi, A., see A.S. Saleh 99 (1991) 152
- Malouche, M., see H. Hurdequint 93 (1991) 276
- Maltsev, V.N., see G.S. Kandaurova 109 (1992) 332
- Malyugin, D.V., On the theory of Wiedemann effects 97 (1991) 193
- Manaf, A., R.A. Buckley, H.A. Davies and M. Leonowicz, Enhanced magnetic properties in rapidly solidified Nd–Fe–B based alloys 101 (1991) 360
- Manaf, A., H.A. Davies, R.A. Buckley and M. Leonowicz, Correlation between magnetic properties and microstructure of a rapidly solidified Fe–Nd–B–Si hard magnetic alloy 104–107 (1992) 1145
- Manaila, R., see V. Florescu 92 (1990) 137
- Mandal, K., see A. Mitra 110 (1992) 135
- Mangin, Ph., see C. Dufour 93 (1991) 545
- Mangin, Ph., see K. Cherifi 93 (1991) 609
- Mangin, Ph., see K. Cherifi 104–107 (1992) 1833
- Manh, D.H., see R. Szymczak 104–107 (1992) 321
- Manninen, M., see M. Talvitie 102 (1991) 323
- Manns, V., see K. Sumiyama 96 (1991) 329
- Mano, H., Critical properties of diluted Ising ferromagnets 104–107 (1992) 259
- Marabelli, F., P. Wachter, A. de Visser and J.J.M. Franse, Optical study of heavy-fermion behavior in  $\text{U}(\text{Pt}_{1-x}\text{Pd}_x)_3$  108 (1992) 79
- Marcelli, A., see J. Chaboy 104–107 (1992) 661
- Marcelli, A., see J. Chaboy 104–107 (1992) 1171
- Marcelli, R., P. De Gasperis, M.C. Martucci, G. Petrocco, M. Rossi, L. Scopa, N. Sparvieri, A. Vannucci and M. Varasi, Growth by rf sputtering and characterization of magnetic garnet films 104–107 (1992) 436
- Marchal, G., see C. Dufour 93 (1991) 545
- Marchal, G., see K. Cherifi 93 (1991) 609
- Marchal, G., see K. Cherifi 104–107 (1992) 1833
- Marchukov, P.Ju., see A.M. Balbashov 104–107 (1992) 1037
- Mariańska, E., see W. Dudek 94 (1991) 243
- Marinero, E.E., see C.J. Chien 93 (1991) 47
- Marinero, E.E., see C.J. Lin 93 (1991) 194
- Marinero, E.E., see C.H. Lee 93 (1991) 592
- Marinero, E.E., see J.V. Harzer 104–107 (1992) 1863
- Marinšek, F., see F. Vodopivec 92 (1990) 125
- Marinšek, F., see F. Vodopivec 97 (1991) 281
- Markin, P.E., see P. Syoboda 104–107 (1992) 1329
- Marko, P., see A. Sólyom 101 (1991) 109
- Markosyan, A.S., see I.L. Gabelko 94 (1991) 287
- Markosyan, A.S., see R. Ballou 104–107 (1992) 935
- Markosyan, A.S., see R. Ballou 104–107 (1992) 1465
- Markosyan, A.S., see R. Ballou 110 (1992) 209
- Marks, R.F., see C.H. Lee 93 (1991) 592
- Marlière, C., see C. Chappert 93 (1991) 319
- Marín, P., see A.M. Severino 103 (1992) 117
- Maro, T., see A. Yoshihara 104–107 (1992) 1835
- Maronnić, Ž., see K. Zadro 104–107 (1992) 271
- Marohnić, Ž., see J. Horvat 110 (1992) 215
- Marosi, L., see P. Klingelhöfer 101 (1991) 248
- Marquina, C., see P.A. Algarabel 101 (1991) 111
- Marquina, C., see A. del Moral 104–107 (1992) 1051
- Marquina, C., F.E. Kayzel, T.H. Ahn, R.J. Radwański and J.J.M. Franse, 3d–4f exchange interactions in  $\text{R}_2\text{Ni}_{17}$  104–107 (1992) 1323
- Marquina, C., see M.R. Ibarra 104–107 (1992) 1371
- Marquina, C., see M.R. Ibarra 104–107 (1992) 1373
- Marquina, C., see M.R. Ibarra 104–107 (1992) 1375
- Marquina, C., see R. Verhoef 104–107 (1992) 1473
- Marshall, W.G., A.P. Murani and K.A. McEwen, 5f-electron spin dynamics in  $\text{U}(\text{Sn}_{3-x}\text{In}_x)$  104–107 (1992) 67
- Marshall, W.G., see E.M. Forgan 104–107 (1992) 911
- Marshall, W.G., see E.M. Forgan 104–107 (1992) 913
- Marshall, W.G., see E.M. Forgan 104–107 (1992) 1519
- Martin, A., see F. Carmona 101 (1991) 119
- Martin, Ph., see G.D. Khattak 94 (1991) 278
- Martin, V.E., see F. Carmona 101 (1991) 119
- Martin, V.E., see J.M. González 101 (1991) 397
- Martin, V.E., see J.M. Gonzalez 104–107 (1992) 1179
- Martinek, G., see H.F. Schmidts 104–107 (1992) 1119
- Martínez, B., see F. Badia 93 (1991) 425
- Martínez, B., see F. Badia 93 (1991) 429
- Martínez, B., see J. Tejada 101 (1991) 181
- Martínez, B., A. Labarta, F. Badia and J. Tejada, Random anisotropy induced by structural disorder 104–107 (1992) 123
- Martínez, B., see X. Batlle 104–107 (1992) 918
- Martínez, B., X. Obradors, E.J. Ansaldo, C. Niedermayer, D.R. Noakes, M.J. Sayagués, M. Vallet and J. González-Calbet,  $\mu^+$ SR study of magnetic order in  $\text{La}_2\text{NiO}_{4+\delta}$  104–107 (1992) 941

- Martinez, B., see A. Rouco 104–107 (1992)1645
- Martinez, J., see R.A. Cowley 104–107 (1992) 159
- Martinez, J.C., J.J. Prejean, O. Laborde, J. Karpinski and E. Kaldis, Anisotropy of the superconducting properties of  $\text{Y}_2\text{Ba}_4\text{Cu}_8\text{O}_{16}$  104–107 (1992) 601
- Martínez, J.L., A. Cebollada, J.M. Gallego, J.J. de Miguel, C. Ocal, R. Miranda, S. Ferrer, G. Fillion and J.P. Rebouillat Neutron-diffraction study on the field dependent magnetic ordering in Co–Cu superlattices 93 (1991) 89
- Martinez, J.L., see J. Beille 104–107 (1992) 532
- Martinez, J.L., see U. Steigenberger 108 (1992) 163
- Martucci, M.C., see R. Marcelli 104–107 (1992) 436
- Maruno, S., see I. Sakamoto 108 (1992) 125
- Marusi, G., see P.A. Algarabel 101 (1991) 111
- Marusi, G., L. Pareti and M. Solzi, Magnetic properties of some rhombohedral RE–Co compounds 101 (1991) 333
- Maruyama, F., see K. Ichinose 104–107 (1992)1159
- Maruyama, F., K. Ichinose, M. Misawa, A. Tsujimura, H. Nagai and K. Adachi, NMR study of  $\text{Y}_2(\text{Co}_{1-x}\text{Fe}_x)_{14}\text{B}$  compounds 104–107 (1992)1165
- Maruyama, H., see I. Nakai 104–107 (1992)2053
- Maruyama, H., A. Koizumi, H. Yamazaki, T. Iwazumi and H. Kawata, Magnetic X-ray absorption measurements at the Pt  $L_{2,3}$ - and Fe K-edge in ordered and disordered Fe–Pt alloys 104–107 (1992)2055
- Mary, Y., see J. Renaudin 92 (1991) 381
- Maryško, M., see P. Novák 101 (1991) 155
- Maryško, M., Influence of GGG substrate on FMR and magnetostatic wave propagation 101 (1991) 159
- Maryško, M., P. Novák, J. Pačes and V.V. Volkov, Low temperature magnetic properties of calcium doped YIG 104–107 (1992) 429
- Marysko, M., see A. Campos 104–107 (1992) 431
- Masheva, V., see J. Geshev 92 (1990) 185
- Maskar, P.K., see R.S. Patil 102 (1991) 51
- Masoli, F., see G. Bottoni 104–107 (1992) 961
- Masoli, F., see G. Bottoni 104–107 (1992) 975
- Mason, T.E., Y.S. Yang, M.F. Collins, B.D. Gaulin, K.N. Clausen and A. Harrison, Tetracritical dynamics of  $\text{CsMnBr}_3$  104–107 (1992) 197
- Mason, T.E., see A. Harrison 104–107 (1992) 557
- Mason, T.E., see W. Wei 108 (1992) 77
- Masuda, T., W.J.M.A. Geerts and J.C. Lodder, Surface chemical state of sputtered Co–Cr films 95 (1991) 123
- Mata, G.J. and G.B. Arnold, A functional integral approach to quantum spin systems 104–107 (1992) 855
- Matar, S., P. Mohn, G. Demazeau and K. Schwarz, The electronic and magnetic properties of  $\text{NiFe}_3\text{N}$  101 (1991) 251
- Matar, S., see B. Siberchicot 101 (1991) 419
- Matar, S., P. Mohn and J. Kübler, Magnetovolume effects in  $\text{PtFe}_3\text{N}$  104–107 (1992)1927
- Matar, S.F., B. Siberchicot, G. Demazeau and S. Berthon, Coercive field enhancement of rare-earth-coated  $\text{Fe}_4\text{N}$  nitride particles 104–107 (1992)1553
- Matar, S.F., see J.G.M. Armitage 104–107 (1992)1935
- Maté, B., see F. Luis 101 (1991) 414
- Matheny, A., see M.B. Salamon 104–107 (1992)1729
- Matheny, A., see R.S. Beach 104–107 (1992)1915
- Matho, K., Luttinger and Hubbard sum rules: are they compatible? 108 (1992) 170
- Matho, K., Kondo effect versus axial crystal field in a resonance model 108 (1992) 173
- Mathon, J., see D.M. Edwards 93 (1991) 85
- Mathon, J., see J. d'Albuquerque e Castro 93 (1991) 295
- Mathon, J., Theory of magnetic multilayers. Exchange interactions and transport properties 100 (1991) 527
- Mathon, J., D.M. Edwards, R.B. Muniz and M.S. Phan, Theory of oscillatory exchange coupling in magnetic multilayers 104–107 (1992)1721
- Mathon, J., see M.S. Phan 104–107 (1992)1876
- Matlak, M. and M. Pietruszka, Magnetic and transport properties of the extended s–f model 110 (1992) 287
- Matsubara, I., K. Hisatake, K. Maeda, Y. Kawai and K. Uematsu, Photoinduced disaccommodation of magnetic permeability in single crystalline yttrium iron garnet 104–107 (1992) 427
- Matsuda, A., see K. Sugiyama 104–107 (1992)1223
- Matsuda, H., O. Takano and P.J. Grundy, The influence of underlayers on the magneto-optic properties of electrolessly deposited CoNiRe–WP films 109 (1992) 133
- Matsuda, H., O. Takano, H. Gohuku and P.J. Grundy, The effect of substrate preparation processing on the magnetic properties of electrolessly coated rigid disks using glass substrates 110 (1992) 227
- Matsuda, S., see M. Kurisu 104–107 (1992) 515
- Matsui, M., see M. Doyama 93 (1991) 374
- Matsukura, F., see Y. Tazuke 104–107 (1992)1659
- Matsumoto, K., S. Sasaki, Y. Asahara, K. Yamaguchi and T. Fujii, Highly bismuth substituted yttrium iron



- garnet single crystal films prepared by sol-gel method 104–107 (1992) 451
- Matsumoto, K. and Y. Akutsu, Distributions of magnetization in the two-dimensional random Ising model 104–107 (1992) 1655
- Matsumoto, M., see S. Abe 104–107 (1992) 2059
- Matsumoto, M., S. Abe, H. Yoshida, S. Mori, T. Kanomata and T. Kaneko, Pressure effect on the Néel temperature and exchange striction of the ordered alloy  $\text{Au}_5\text{Mn}_2$  104–107 (1992) 2061
- Matsumoto, N., see L. Bang 104–107 (1992) 147
- Matsumoto, T., T. Shimizu, Y. Yamada and K. Yoshimura, Pressure effects on the Yb valence state in  $\text{YbIn}_{1-x}\text{Ag}_x\text{Cu}_4$  ( $x = 0-0.2$ ) 104–107 (1992) 647
- Matsuoka, H., see M. Doyama 93 (1991) 374
- Mattauch, H.J., see R.K. Kremer 104–107 (1992) 959
- Mattauch, H.J., see W. Bauhofer 104–107 (1992) 1243
- Matteazzi, P., see L. Lanotte 101 (1991) 178
- Mattei, J.L., see M. Le Flo'ch 104–107 (1992) 401
- Mattei, J.L., see M. Le Flo'ch 104–107 (1992) 1591
- Mattei, J.L., see G. Fillion 104–107 (1992) 1985
- Mattei, J.L., see J.L. Oddou 104–107 (1992) 1987
- Mattenberger, K., O. Vogt, J. Rebizant, J.C. Spirlet, F. Bourdarot, P. Burlet, J. Rossat-Mignod, M.N. Bouillet, A. Blaise and J.P. Sanchez, Magnetic properties of single crystalline Np-As-NpSe mixed compounds 104–107 (1992) 43
- Mattson, J.E., see M.J. Conover 102 (1991) L5
- Mattson, J.E., S.D. Bader, M.B. Brodsky and J.B. Ketterson, Enhanced magnetoresistance below the spin-flip transition of Cr(001) thin films 109 (1992) 179
- Mattsson, J., P. Granberg, P. Nordblad, L. Lundgren, R. Stubi, J. Bass, R. Loloee and J.A. Cowen, Multilayered spin glass films – sensitive probes of RKKY 104–107 (1992) 1619
- Mattsson, J., P. Granberg, L. Lundgren, P. Nordblad, G. Kenning and J.A. Cowen, Nonlinear susceptibility of 2D spin glass films 104–107 (1992) 1621
- Mattsson, J., P. Granberg, P. Nordblad, L. Lundgren, R. Loloee, R. Stubi, J. Bass and J.A. Cowen, Aging in a two-dimensional CuMn spin glass 104–107 (1992) 1623
- Matyushev, V.V., see J. Gouzerh 101 (1991) 189
- Maurer, M., M. Piecuch, M.F. Ravet, J.-C. Ousset, J.P. Sánchez, Ch. Aron, J. Dekoster, D. Raoux, A. De Andres, M. De Santis, A. Fontaine, F. Baudalet, J.L. Rouvière and B. Dieny, Magnetism and structure in hexagonal Fe/Ru superlattices with short periodicity 93 (1991) 15
- Maurer, T., J. Sticht, P.M. Oppeneer, F. Herman and J. Kübler, Theory of the magneto-optical Kerr effect of Fe, Ni and some Fe-based alloys 104–107 (1992) 1029
- May, H.-J., see K. Hinrichs 104–107 (1992) 1676
- Mayer, H.M., M. Steiner, N. Stüßer, H. Weinfurter, K. Kakurai, B. Dorner, P.A. Lindgård, K.N. Clausen, S. Hock and W. Rodewald, Inelastic neutron scattering measurements on  $\text{Nd}_2\text{Fe}_{14}\text{B}$  single crystals 97 (1991) 210
- Mayer, H.M., M. Steiner, N. Stüßer, H. Weinfurter, B. Dorner, P.A. Lindgård, K.N. Clausen, S. Hock and R. Verhoef, Inelastic neutron scattering measurements on  $\text{Nd}_2\text{Fe}_{14}\text{B}$  and  $\text{Y}_2\text{Fe}_{14}\text{B}$  single crystals 104–107 (1992) 1295
- Mayer-von Kürthy, G., see Th. Sinnemann 95 (1991) 175
- Mayo, P.I., K. O'Grady, R.W. Chantrell, J.A. Cambridge, I.L. Sanders, T. Yogi and J.K. Howard, Magnetic measurement of interaction effects in CoNiCr and CoPtCr thin film media 95 (1991) 109
- Maziewski, A., see M. Kisielowski 101 (1991) 213
- Maziewski, A., B. Ivanov, M. Kisielowski and S. Lyakhimets, A new look on magnetic aftereffect 104–107 (1992) 361
- McAloon, K.T., see G.J. Tomka 104–107 (1992) 1147
- McCallum, R.W., see S. Tanoue 103 (1992) 129
- McCammon, C.A., Magnetic properties of  $\text{Fe}_x\text{O}$  ( $x > 0.95$ ): Variation of Néel temperature 104–107 (1992) 1937
- McCausland, M.A.H., see C. Carboni 104–107 (1992) 1513
- McCormick, P.G., see R. Street 104–107 (1992) 368
- McCormick, P.G., see R. Street 104–107 (1992) 371
- McEwen, K.A., see W.G. Marshall 104–107 (1992) 67
- McEwen, K.A., see E.M. Forgan 104–107 (1992) 911
- McEwen, K.A., see S.W. Zochowski 104–107 (1992) 1515
- McEwen, K.A., see N. Patrikios 108 (1992) 95
- McEwen, K.A., see U. Steigenberger 108 (1992) 163
- McGrath, A.C., see M. Ghafari 104–107 (1992) 1668
- McGuinness, P.J., X.J. Zhang, K.G. Knoch, X.J. Yin, M.J. Wyborn and I.R. Harris, HDDR hot-pressed magnets: magnetic properties and microstructure 104–107 (1992) 1169
- McGuire, T.R., see F. Mehran 104–107 (1992) 637
- McIntyre, A.G.J., see A. Krimmel 104–107 (1992) 25
- McIntyre, G.J., see A. Krimmel 103 (1992) 73
- McIntyre, G.J., see M.P. Nutley 104–107 (1992) 623
- McIntyre, G.J., see D.A. Jehan 104–107 (1992) 1523
- McKenna, T.J., S.J. Campbell, D.H. Chaplin and G.V.H. Wilson, Time dependent effects in the ferromagnetic susceptibility of Tb 104–107 (1992) 1505
- McMichael, R.D., see L.H. Bennett 104–107 (1992) 1094

- McMorrow, D.F., see D.A. Tennant 104–107 (1992) 1079  
 McMorrow, D.F., see D.A. Jehan 104–107 (1992) 1523  
 McVitie, S., see S.J. Hefferman 95 (1991) 76  
 McVitie, S., see J. Zweck 104–107 (1992) 315  
 McVitie, S., see H.Y. Wong 104–107 (1992) 329  
 McVitie, S. and R.P. Ferrier, Model  
 stray field calculations of a longitu-  
 dinal recording medium 104–107 (1992) 963  
 Meagher, A., see S. Mørup 104–107 (1992) 1563  
 Meckenstock, R., see R. Kordecki 93 (1991) 281  
 Medeiros, D. and G.G. Cabrera, Nu-  
 merical study of antiferromagnetic  
 Heisenberg chains for spin  $S = 1/2$ ,  
 using the Lanczos method 104–107 (1992) 799  
 Meekison, C.D., J.P. Jakubovics, J.M.D.  
 Coey and J. Ding, A TEM investiga-  
 tion of microstructure and domain  
 configurations in melt-spun Sm-  
 Fe<sub>11</sub>Ti 104–107 (1992) 1161  
 Meerschaut, A., see O. Peña 104–107 (1992) 1249  
 Meeson, P., see K. Satoh 104–107 (1992) 39  
 Meeson, P., see K. Satoh 104–107 (1992) 1411  
 Meeson, P., see M. Hunt 108 (1992) 127  
 Mégy, R., see C. Chappert 93 (1991) 319  
 Mehandjiev, D.R. and I.D. Dragieva,  
 Effect of the globule size on the  
 interglobular space formation in  
 ferromagnetic chain powders 101 (1991) 167  
 Mehner, A., see S. Horn 108 (1992) 205  
 Mehran, F., T.R. McGuire, J.F. Bring-  
 ley and B.A. Scott, High-tempera-  
 ture magnetic order in dilute Cu<sup>2+</sup>  
 ions in LaCuO<sub>3-δ</sub> 104–107 (1992) 637  
 Mei, L.M., see X.D. Ma 95 (1991) 199  
 Mei, L.m., see R.w. Gao 95 (1991) 205  
 Mei, L.M., see H.R. Zhai 104–107 (1992) 1825  
 Mei, L.M., see H. Wang 104–107 (1992) 1827  
 Mei, L.M., Y.L. Zhang, S.Y. Bi and  
 J.M. Ning, Structure and property  
 of Fe film implanted by multi-en-  
 ergy B<sup>+</sup> ions 104–107 (1992) 1903  
 Meier, F., A. Vaterlaus, M. Aeschli-  
 mann, M. Lutz, D. Guarisco, F. Mi-  
 lani and H.C. Siegmann, Time-re-  
 solved photoemission spectroscopy  
 on ferromagnetic surfaces and thin  
 films (*Invited paper*) 93 (1991) 523  
 Meier, F., see A. Vaterlaus 104–107 (1992) 1693  
 Meier, P.F., see H.R. Moser 104–107 (1992) 2129  
 Meigs, G., see P. Rudolf 109 (1992) 109  
 Meisel, M.W., see E.A. Knetsch 108 (1992) 71  
 Meisel, M.W., see E.A. Knetsch 108 (1992) 73  
 Mekata, M., see B.J. Sternlieb 104–107 (1992) 801  
 Mekata, M., N. Yaguchi, T. Takagi, S.  
 Mitsuda and H. Yoshizawa, Mag-  
 netic ordering in delafossite CuFe-  
 O<sub>2</sub> 104–107 (1992) 823  
 Mekata, M., S. Onoe, H. Kuriyama,  
 B.J. Sternlieb, Y. Uemura and K.  
 Nagamine,  $\mu$ SR study of hexagonal  
 ABX<sub>3</sub> 104–107 (1992) 825  
 Mekata, M., H. Kuriyama, Y. Ajiro, S.  
 Mitsuda and H. Yoshizawa, First-  
 order magnetic transition in CoI<sub>2</sub> 104–107 (1992) 859  
 Melamud, M., see M. Kuznietz 96 (1991) 245  
 Melamud, M., see M. Kuznietz 104–107 (1992) 13  
 Melegari, G., see E. Rastelli 104–107 (1992) 173  
 Melidis, K.G., see K.G. Efthimiadis 103 (1992) 30  
 Melnikov, S.A., see A.M. Gabay 97 (1991) 256  
 Melo, L.V., see P.P. Freitas 93 (1991) 485  
 Mendrela, E.A. and E.M. Mendrela,  
 Magnetic separator for chimney dust 94 (1991) 191  
 Mendrela, E.M., see E.A. Mendrela 94 (1991) 191  
 Menexiadis, G., see M. Le Floch 104–107 (1992) 1591  
 Menken, M.J.V., see Z. Tarnawski 104–107 (1992) 613  
 Menovsky, A., see F.F. van Zijl 104–107 (1992) 535  
 Menovsky, A.A., see S.A.M. Mentink 104–107 (1992) 15  
 Menovsky, A.A., see E. Brück 104–107 (1992) 17  
 Menovsky, A.A., see Z. Tarnawski 104–107 (1992) 613  
 Menovsky, A.A., see J. Schoenes 108 (1992) 40  
 Menovsky, A.A., see K. Bakker 108 (1992) 63  
 Menovsky, A.A., see T. Endstra 108 (1992) 67  
 Menovsky, A.A., see E.A. Knetsch 108 (1992) 71  
 Menovsky, A.A., see E.A. Knetsch 108 (1992) 75  
 Mentink, S.A.M., G.J. Nieuwenhuys,  
 C.E. Snel, A.A. Menovsky and J.A.  
 Mydosh, Anisotropic magnetic and  
 transport properties of URu<sub>4</sub>B<sub>4</sub> 104–107 (1992) 15  
 Mentink, S.A.M., G.J. Nieuwenhuys  
 and J.A. Mydosh, Crystal structure  
 and magnetic properties of U–Os  
 intermetallic compounds 104–107 (1992) 697  
 Menushenkov, V.P., see A.M. Gabay 97 (1991) 256  
 Menushenkov, V.P., see A.M. Gabay 103 (1992) 151  
 Menushenkov, V.P., see A.M. Gabay 109 (1992) 213  
 Mercier, D. and J.C.s. Levy, Spin wave  
 propagation in magnetic sandwiches 93 (1991) 557  
 Mertens, B.M., see H.A.M. de Gron-  
 ckel 104–107 (1992) 1809  
 Mertens, F.G., see A.R. Völkel 104–107 (1992) 766  
 Methfessel, S., see B.-g. Shen 92 (1990) 53  
 Metin, S., see B. Dieny 93 (1991) 101  
 Metoki, N., see Ch. Morawe 102 (1991) 223  
 Meyer, A., see M.J. Besnus 104–107 (1992) 1385  
 Meyer, A., see M.J. Besnus 104–107 (1992) 1387  
 Meyer, C., see F. Hartmann-Boutron 104–107 (1992) 501  
 Meyer, C., see Y. Gros 104–107 (1992) 621  
 Meyer, G., see L. Keller 104–107 (1992) 1201  
 Meyer, P., see D. Bertrand 104–107 (1992) 389  
 Miao, Y.Z., see H.R. Zhai 104–107 (1992) 1015  
 Miao, Y.Z., see H.R. Zhai 104–107 (1992) 1027  
 Mibu, K., see B. Scholz 93 (1991) 499  
 Micháliková, M., see A. Grusková 101 (1991) 227  
 Michihiro, Y., see T. Ohno 104–107 (1992) 2027

- Middleton, B.K., see J.J. Miles 95 (1991) 99
- Mielnicki, J., T. Balcerzak and G. Wiątrowski, The comparison of two methods of disordered Ising ferromagnet description 94 (1991) 74
- Miglierini, M., see I. Škorvánek 96 (1991) 162
- Mignod, J.M., see J.L. Jacoud 108 (1992) 131
- Mignot, J.-M., see F. Hippert 108 (1992) 177
- Migschitz, M., see R. Clad 104–107 (1992) 1593
- Mihalisin, T., see S. Rahman 97 (1991) 223
- Mikami, H., see H. Hori 104–107 (1992) 815
- Mikeska, H., see T. Delica 104–107 (1992) 795
- Mikeska, H.-J., see J. Behre 104–107 (1992) 863
- Mikhov, M., see J. Geshev 92 (1990) 185
- Mikhov, M., see O. Popov 96 (1991) L23
- Mikhov, M., see O. Popov 99 (1991) 119
- Mikhov, M., see P. Ivanov 104–107 (1992) 417
- Mikhov, M., see J. Geshev 104–107 (1992) 1569
- Mikke, K., J. Jankowska-Kisielinska, T.M. Holden and E. Fawcett, Magnetic excitations in a single-domain FCT  $\gamma$ -Mn(10%Fe, 3%Cu) alloy 104–107 (1992) 718
- Milani, F., see F. Meier 93 (1991) 523
- Miles, J.J. and B.K. Middleton, A hierarchical micromagnetic model of longitudinal thin film recording media 95 (1991) 99
- Miljak, M., see I. Kos 104–107 (1992) 575
- Miller, J.S., see K.S. Narayan 110 (1992) L6
- Miller, K., see M.Q. Huang 102 (1991) 91
- Mills, D.L., The ferromagnetism of ultrathin films; from two to three dimensions 100 (1991) 515
- Miltat, J., see L. Zimmermann 94 (1991) 207
- Miltat, J., see M. Labruno 104–107 (1992) 241
- Miltat, J., see A. Thiaville 104–107 (1992) 335
- Miltat, J., see M. Labruno 104–107 (1992) 343
- Min, B.I., see S.C. Hong 104–107 (1992) 659
- Mini, S., see P. Erhart 104–107 (1992) 487
- Mino, M., S. Mitsudo and H. Yamazaki, Quasiperiodic and chaotic oscillations of magnon systems driven by modulated pumping field 104–107 (1992) 1055
- Mino, M., see S. Mitsudo 104–107 (1992) 1057
- Mino, M., see H. Yamazaki 104–107 (1992) 1059
- Minowa, T., M. Shimao and M. Honshima, Microstructure of Nd-rich phase in Nd–Fe–B magnet containing oxygen and carbon impurities 97 (1991) 107
- Mirabal-García, M., see F.H. Salas 103 (1992) 231
- Miraglia, S., see F.J. Lázaro 101 (1991) 372
- Miraglia, S., see J. Bartolomé 101 (1991) 411
- Miraglia, S., see O. Isnard 103 (1992) 157
- Miraglia, S., see J. Chaboy 104–107 (1992) 1171
- Miraglia, S., see O. Isnard 104–107 (1992) 2003
- Miranda, R., see J.J. De Miguel 93 (1991) 1
- Miranda, R., see J.L. Martínez 93 (1991) 89
- Miranda, R., see A. Cebollada 102 (1991) 25
- Mirebeau, I., see S. Hadjoudj 93 (1991) 136
- Mirebeau, I., see R. Caudron 104–107 (1992) 287
- Mirebeau, I., see C. Bellouard 104–107 (1992) 517
- Mirebeau, I., C. Bellouard, M. Hennion, J.L. Dormann, C. Djega-Mariadassou and M. Tessier, Small angle neutron scattering in a superparamagnet 104–107 (1992) 1560
- Mirebeau, I., see C. Bellouard 104–107 (1992) 1627
- Mironov, E.Yu., see V.A. Ignatchenko 94 (1991) 170
- Mironov, E.Yu., see V.A. Ignatchenko 103 (1992) 139
- Mironov, G.I., see N.G. Fazleev 108 (1992) 123
- Misawa, M., see K. Ichinose 104–107 (1992) 1159
- Misawa, M., see F. Maruyama 104–107 (1992) 1165
- Misawa, S., Proposal for detecting thermally induced ferromagnetism in Ir 104–107 (1992) 707
- Misawa, S., Fermi liquid description for itinerant electron metamagnetism 104–107 (1992) 709
- Mishima, K., see T. Erata 104–107 (1992) 1589
- Missell, F.P., see A.M. Severino 96 (1991) 167
- Missell, F.P., see D. Givord 104–107 (1992) 1129
- Mitani, S., see M. Doyama 93 (1991) 374
- Mitani, Y., see Y. Obi 104–107 (1992) 1747
- Mitchell, P.W., see R.T. Heap 104–107 (1992) 715
- Miteva, S.I., see T.C. Nurgaliev 101 (1991) 193
- Mitra, A., see S.K. Ghatak 103 (1992) 81
- Mitra, A., K. Mandal and S.K. Ghatak, DC magnetic properties of as-quenched and flash-annealed amorphous Fe–Si–B wires 110 (1992) 135
- Mitros, C., see W. Likodimos 104–107 (1992) 563
- Mitros, C., see A. Koufoudakis 104–107 (1992) 568
- Mitros, C., see M. Pissas 104–107 (1992) 571
- Mitsuda, S., see M. Mekata 104–107 (1992) 823
- Mitsuda, S., see M. Mekata 104–107 (1992) 859
- Mitsudo, S., see M. Mino 104–107 (1992) 1055
- Mitsudo, S., M. Mino and H. Yamazaki, Period-doubling cascade and chaos in YIG at the first-order Suhl instability 104–107 (1992) 1057
- Mitsudo, S., see H. Yamazaki 104–107 (1992) 1059
- Mitsui, T., K. Abe and K. Iio, Thermal expansion measurements in CsNiBr<sub>3</sub> by a new rotating-mirror method 104–107 (1992) 819
- Mittag, M., see Th. Sinnemann 95 (1991) 175
- Mitzay, Yu.N., B.A. Ivanov, A.N. Kichizhiev and A.I. Gaponov, Kinks in highly-anisotropic magnets. Ground state and spectrum of excitations 110 (1992) 80
- Miu, L., see V. Dolocan 104–107 (1992) 609
- Miura, T., see I. Sakamoto 108 (1992) 125
- Miyadai, T., H. Mori, T. Oguchi, Y. Tazuke, H. Amitsuka, T. Kuwai and Y. Miyako, Magnetic and electrical properties of the U–Si system (part II) 104–107 (1992) 47



- Miyadai, T., see Y. Tazuke 104–107 (1992) 725
- Miyadai, T., see Y. Tazuke 104–107 (1992) 1659
- Miyadai, T., M. Saitoh and Y. Tazuke, Metal–insulator transition in  $\text{Ni-S}_{2-x}\text{Se}_x$  system – volume effect 104–107 (1992) 1953
- Miyajima, H., see K. Tenya 104–107 (1992) 485
- Miyajima, H., see M. Kameda 104–107 (1992) 1115
- Miyajima, H., T. Yamamoto and Y. Otani, Degree of alignment and angular dependences of coercivity for  $\text{Nd}_{15}\text{Fe}_{77}\text{B}_8$  and  $\text{Pr}_{15}\text{Fe}_{77}\text{B}_8$  magnets 104–107 (1992) 1117
- Miyajima, H. and S. Yuasa, Structural phase transition and magnetic properties of  $\text{FeRh}_{1-x}\text{Co}_x$  alloys 104–107 (1992) 2025
- Miyako, Y., see T. Miyadai 104–107 (1992) 47
- Miyako, Y., see H. Amitsuka 104–107 (1992) 60
- Miyako, Y., see K. Iki 108 (1992) 100
- Miyako, Y., T. Kuwai, T. Taniguchi, S. Kawarazaki, H. Amitsuka, C.C. Paulsen and T. Sakakibara, The study of f-electron states in  $\text{U}(\text{Ru}_{1-x}\text{Rh}_x)_2\text{Si}_2$  and  $\text{U}_{1-x}\text{La}_x\text{Ru}_2\text{Si}_2$  ( $0 \leq x \leq 1$ ) compounds 108 (1992) 190
- Miyako, Y., see T. Sakakibara 108 (1992) 193
- Miyamoto, T., see I. Sakamoto 108 (1992) 125
- Miyashita, S., see J. Behre 104–107 (1992) 863
- Miyashita, S., see T. Kawasaki 104–107 (1992) 1595
- Miyata, N., see Y. Kimishima 104–107 (1992) 781
- Miyata, S., see H. Fujii 104–107 (1992) 45
- Miyata, S., see K. Kojima 104–107 (1992) 49
- Miyatake, T., see T. Machi 104–107 (1992) 635
- Miyazaki, M., see S. Takayama 94 (1991) 357
- Miyazaki, T. and M. Oikawa, Magnetoresistance of  $\text{Ni-Fe-Co}$  ternary alloy films 97 (1991) 171
- Miyazaki, T., T. Yaoi and S. Ishio, Large magnetoresistance effect in  $82\text{Ni-Fe/Al-Al}_2\text{O}_3/\text{Co}$  magnetic tunneling junction (*Letter to the Editor*) 98 (1991) L7
- Miyazaki, T., see X.-B. Yang 102 (1991) 139
- Miyazaki, T., H. Kubota and S. Ishio, Magnetic properties and giant magnetoresistance in  $\text{Fe/Cr}$  multilayer films 103 (1992) 13
- Miyazaki, T., see S. Ishio 104–107 (1992) 143
- Mizoguchi, T., see A. Forkl 93 (1991) 261
- Mizuno, K., see T. Ohno 104–107 (1992) 2027
- Mizushima, K., see A. Yoshihara 104–107 (1992) 1835
- Mizushima, T., see Y. Isikawa 108 (1992) 157
- Moch, P., see A.T. Abdalian 104–107 (1992) 1047
- Moes, H., The air gap between tape and drum in a video recorder 95 (1991) 1
- Mogi, I., M. Takeda, G. Kido, Y. Nakawaga, H. Okada and N. Kojima, Magnetic Franck–Condon effect in the magneto-absorption spectra of  $\text{CsFeCl}_3 \cdot 2\text{H}_2\text{O}$  104–107 (1992) 1061
- Mohanty, O.N., see S. Prakash Narayan 96 (1991) 137
- Mohn, P., see S. Matar 101 (1991) 251
- Mohn, P. and K. Schwarz, Spin fluctuations in the strongly enhanced Pauli paramagnets  $\text{YCo}_2$  and  $\text{Pd}$  104–107 (1992) 685
- Mohn, P., see S. Matar 104–107 (1992) 1927
- Mokrani, A., H. Dreyse and C. Demangeat, Effect of self-consistency in the magnetism of iron in reduced geometry 93 (1991) 299
- Mokrani, A., see S. Bouarab 102 (1991) L233
- Mokrani, A., see A. Vega 104–107 (1992) 1687
- Mokrani, A., see S. Bouarab 104–107 (1992) 1765
- Moldenhauer, S., see J. Wieting 101 (1991) 128
- Molinié, P., see C. Payen 104–107 (1992) 797
- Mollard, P., see J. Filippi 104–107 (1992) 165
- Mollard, P., see Ph. Tailhades 104–107 (1992) 969
- Mollard, P., see Ch. Sarda 109 (1992) 127
- Monachesi, P., S. Fraizzoli and E.G. Moroni, Electronic structure calculations for  $\text{CeAg}$  98 (1991) 130
- Monachesi, P., see A. Continenza 104–107 (1992) 1308
- Monachesi, P., L.C. Andreani and S. Fraizzoli, Anderson hybridisation in  $\text{CeAg}$  104–107 (1992) 1327
- Mondal, S., S.H. Kilcoyne, R. Cywinski, B.D. Rainford and C. Ritter, Suppression of local moment formation in  $\text{Ce}$  doped  $\text{YMn}_2$  104–107 (1992) 1421
- Mondal, S., see C. Ritter 104–107 (1992) 1427
- Monin, J., see O. Derriche 102 (1991) 255
- Monod, P., see H. Stroumbos 104–107 (1992) 633
- Montarroyos, E., J.R.L. de Almeida, F.L.A. Machado and S.M. Rezende, Field induced transition in the amorphous ferromagnet  $\text{Co}_{70.4}\text{Fe}_{4.6}\text{Si}_{15}\text{B}_{10}$  104–107 (1992) 149
- Montarroyos, E., see F.C. Montenegro 104–107 (1992) 277
- Montenegro, F.C., J.C.O. de Jesus, F.L.A. Machado, E. Montarroyos and S.M. Rezende, Critical and equilibrium phase boundaries in  $\text{Mn}_{0.5}\text{Zn}_{0.5}\text{F}_2$  104–107 (1992) 277
- Moog, E.R., see M.E. Brubaker 103 (1992) L7
- Mook, H., see G. Aeppli 104–107 (1992) 507
- Mook, H.A., see D.McK. Paul 104–107 (1992) 591
- Mook, H.A., see A.T. Boothroyd 104–107 (1992) 713
- Moolenaar, A.A., see P.C.M. Gubbens 97 (1991) 69
- Moolenaar, A.A., P.C.M. Gubbens, G.J. Boender, T.H. Jacobs and K.H.J. Buschow, Magnetic properties of  $\text{Er}_2\text{-Fe}_{17}\text{C}$  and  $\text{Er}_2\text{Fe}_{17}\text{N}_{2.7}$  studied with  $^{57}\text{Fe}$  and  $^{166}\text{Er}$  Mössbauer spectroscopy 101 (1991) 395
- Moolenaar, A.A., see P.C.M. Gubbens 104–107 (1992) 1113

- Moon, R.M. and R.M. Nicklow, Neutron scattering of lanthanide materials 100 (1991) 139
- Morales, A., see A. Larrea 104–107 (1992) 229
- Morales, J., see A. Larrea 104–107 (1992) 229
- Morawe, Ch., A. Stierle, N. Metoki, K. Bröhl and H. Zabel, Optimization of sputtered Co films 102 (1991) 223
- Mordijck, A., I. Deckers and M. Labro, Transition in the overcompensated multi-channel Kondo alloy Au–V: susceptibility and resistivity data 104–107 (1992) 2081
- Moreira, J.M., see V.S. Amaral 104–107 (1992) 2079
- Morellon, L., see M.R. Ibarra 104–107 (1992) 1149
- Morellon, L., see M.R. Ibarra 104–107 (1992) 1371
- Morgan, G.J., see J. Horvat 104–107 (1992) 359
- Morgan, G.J., see J. Horvat 109 (1992) 191
- Mori, H., see T. Miyadai 104–107 (1992) 47
- Mori, K., see K. Sato 104–107 (1992) 1435
- Mori, K., see Y. Isikawa 108 (1992) 157
- Mori, N., see T. Kamimura 104–107 (1992) 255
- Mori, N., see H. Hori 104–107 (1992) 815
- Mori, N., see T. Kagayama 108 (1992) 103
- Mōri, N., see Y. Okayama 108 (1992) 113
- Mori, S., see S. Abe 104–107 (1992) 2059
- Mori, S., see M. Matsumoto 104–107 (1992) 2061
- Morimoto, S., see T. Futakata 104–107 (1992) 729
- Morimoto, T., see M. Chiba 104–107 (1992) 807
- Morin, P., S. Kunii and T. Kasuya, Quadrupolar properties and magnetic phase diagrams in  $\text{PrB}_6$  hexaboride compound 96 (1991) 145
- Morin, P., see D. Gignoux 102 (1991) 33
- Morin, P., see D. Gignoux 104–107 (1992) 1262
- Morin, P., see R.M. Galéra 104–107 (1992) 1336
- Morin, P., see K. Yagasaki 104–107 (1992) 1389
- Morinaga, H., see K.-I. Kobayashi 104–107 (1992) 413
- Morishita, T., see R. Žuberek 93 (1991) 449
- Moritani, I., see T. Shinjo 93 (1991) 35
- Moriya, T., Theory of itinerant electron magnetism 100 (1991) 261
- Moriya, T., Y. Takahashi and K. Ueda, Antiferromagnetic spin fluctuations and superconductivity in high- $T_c$  oxides 104–107 (1992) 456
- Morkowski, J.A. and P. Wosicki, Theory of magnetic and thermal properties of the weak itinerant ferromagnet  $\text{Ni}_3\text{Al}$  104–107 (1992) 673
- Moron, M.C., see Y. Calage 98 (1991) 79
- Morón, C., M.C. Sánchez, E. López, P. Sánchez and C. Aroca, Effect of high-current flash annealing on amorphous samples 101 (1991) 59
- Moroni, E.G., see P. Monachesi 98 (1991) 130
- Moroni, E.G. and T. Jarlborg, Magnetic instabilities in ordered and disordered Invar systems 104–107 (1992) 711
- Morris, D.E., see H. Zhang 104–107 (1992) 821
- Mosca, D.H., A. Barthélémy, F. Petroff, A. Fert, P.A. Schroeder, W.P. Pratt Jr., R. Laloe and R. Cabanel, Magnetoresistance of Co-based multilayered structures 93 (1991) 480
- Mosca, D.H., F. Petroff, A. Fert, P.A. Schroeder, W.P. Pratt Jr. and R. Laloe, Oscillatory interlayer coupling and giant magnetoresistance in Co/Cu multilayers (*Letter to the Editor*) 94 (1991) L1
- Mosca, D.H., see A. Fert 104–107 (1992) 1712
- Moser, H.R., P.F. Meier, M. Warden and F. Waldner, Hyperchaos in antiferromagnetic resonance 104–107 (1992) 2129
- Mosiniewicz-Szablewska, E. and H. Szymczak, Photoinduced changes in the ferromagnetic resonance of  $\text{CdCr}_2\text{Se}_4$  single crystals 104–107 (1992) 986
- Moskalewicz, R., see W. Dudek 94 (1991) 243
- Motizuki, K., N. Suzuki and S. Tomishima, Itinerant magnetism of Mn-intercalated compounds of 2H-type  $\text{TaS}_2$  104–107 (1992) 681
- Motizuki, K., T. Korenari and M. Shirai, Electronic band structures and magnetism of intermetallic  $\text{Cu}_2\text{Sb}$ -type manganese compounds  $\text{MnAl-Ge}$  and  $\text{MnGaGe}$  104–107 (1992) 1923
- Motokawa, M., see H. Dohnomae 93 (1991) 477
- Motokawa, M., see H. Ohta 104–107 (1992) 777
- Motokawa, M., see K. Yamagata 104–107 (1992) 803
- Motokawa, M., H. Ohta, K. Yoshida and H. Ikeda, EPR of  $\text{Co}^{2+}$  in  $\text{Rb}_2\text{MgF}_4$  and anomalous  $g$ -values of pair and trimer spin systems 104–107 (1992) 947
- Motokawa, M., see H. Nojiri 104–107 (1992) 1311
- Motoya, K., see A. Ito 104–107 (1992) 1637
- Mouchot, J., B. Bechevet, D. Challeton, M.F. Armand, B. Rolland, B. Valon and J.B. Albertini, Thermomagnetic recording in ferrimagnetic garnets 101 (1991) 239
- Moze, O., see M.R. Ibarra 104–107 (1992) 1149
- Moze, O., see M.R. Ibarra 104–107 (1992) 1375
- Moze, O., R. Caciuffo, K.H.J. Buschow and G. Amoretti, Crystal electric field in  $\text{RENi}_{10}\text{Si}_2$  intermetallics 104–107 (1992) 1391
- Moze, O., R. Caciuffo, B. Gillon and F.E. Kayzel, Magnetization density in  $\text{Er}_2\text{Co}_{17}$  104–107 (1992) 1394
- Mørup, S., see F. Bødker 104–107 (1992) 1695
- Mørup, S., G. Christiansen and N.C. Koon, Magnetic relaxation effects in Fe/Ag(100) multilayers 104–107 (1992) 1793
- Mørup, S., C. Bender Koch, A. Meagher and S.W. Charles, Magnetic

- properties of amorphous ( $\text{Fe}_{x-}\text{Ni}_{1-x}\text{B}_{34}$ ) particles 104–107 (1992) 1563
- Mucha, J.M., L. Vatskichev and M. Vatskicheva, The rotational hysteresis losses in thin films with unidirectional magnetic anisotropy 109 (1992) 301
- Muir, W.B., J.F. Cochran, J.M. Rudd, B. Heinrich and Z. Celinski, Observation of the exchange-coupled modes in  $\text{Fe}(001)/\text{Pd}/\text{Fe}(001)$  ultrathin trilayers 93 (1991) 229
- Mukai, T. and T. Fujimoto, Heat-treatment induced anisotropy in Nd–Fe–B magnets prepared from melt-spun ribbons 95 (1991) 145
- Mukai, T. and T. Fujimoto, Kerr microscopy observation of nitrogenated  $\text{Sm}_2\text{Fe}_{17}$  intermetallic compounds 103 (1992) 165
- Müller, A.U., see H.G. Kahle 104–107 (1992) 1187
- Muller, D., see A. Dinia 104–107 (1992) 1871
- Muller, D., K. Ounadjela, P. Venegues, V. Pierron-Bohnes, A. Arbaoui, J.P. Jay, A. Dinia and P. Panissod, Growth of Co/Ru strained superlattices 104–107 (1992) 1873
- Mulier, D., see K. Ounadjela 104–107 (1992) 1896
- Müller, D., J.-W. Schünemann and K. Bärner, Hall effect and resistivity of amorphous  $(\text{Fe}_{1-x}\text{V}_x)_{75}\text{P}_{15}\text{C}_{10}$  alloys 110 (1992) 161
- Müller, H., see X.C. Kou 101 (1991) 349
- Muller, J., A. Collomb, T. Fournier, I. Harrowfield and D. Samaras, Composition and structure of some  $[\text{Ba}_{1-p}\text{Sr}_p]\text{-ZnFe}_6\text{O}_{11}$  Y-type hexagonal ferrites 102 (1991) 305
- Muller, J. and A. Collomb, A new representation of the bipyramidal site in the  $\text{SrFe}_{12}\text{O}_{19}$  M-type hexagonal ferrite between 4.6 and 295 K 103 (1992) 194
- Müller, K.-H., see M. Wolf 101 (1991) 117
- Müller, K.-H., see V. Christoph 101 (1991) 323
- Müller, K.-H., D. Eckert and A. Handstein, Diminution of permanent magnet properties of polymer bonded  $\text{Nd}_4\text{Fe}_{77}\text{B}_{19}$  magnets 101 (1991) 375
- Müller, K.-H., see A. Handstein 101 (1991) 377
- Müller, K.-H., see P. Nothnagel 101 (1991) 379
- Müller, K.-H., see A. Handstein 101 (1991) 382
- Müller, K.-H., see D. Eckert 101 (1991) 385
- Müller, K.-H., see V. Christoph 104–107 (1992) 1121
- Müller, K.-H., D. Eckert, A. Handstein and P. Nothnagel, Deviations from Wohlfarth's remanence relationship in NdFeB magnets 104–107 (1992) 1173
- Müller, M., see Z. Kaczowski 101 (1991) 21
- Müller, R., Preparation of W-type hexaferrite particles by the glass crystallization method 101 (1991) 230
- Müller, R., H. Pfeiffer and W. Schüppel, Variation of the magnetic properties of barium ferrite powders by heat treatment 101 (1991) 237
- Mulyukov, Kh.Ya., G.F. Korznikova, M.B. Sagdatkireyeva, V.N. Timofeyev and R.Z. Valiev, The study of domain structure of submicron grained cobalt and its changes during heating 110 (1992) 73
- Munekata, H., see S. von Molnár 93 (1991) 356
- Muniz, R.B., see J. d'Albuquerque e Castro 93 (1991) 295
- Muniz, R.B., see J. Mathon 104–107 (1992) 1721
- Muniz, R.B., see M.S. Phan 104–107 (1992) 1876
- Münster, E., Calculation of the magnetic properties of oblique-incidence thin films 92 (1990) 279
- Mura, P., see D. Ajò 104–107 (1992) 1997
- Murakhowski, A.A., W.N. Gorbacz and J.H. Hankiewicz, Spin reorientation in  $\text{Co}_{1.5}\text{Ni}_{0.5}\text{Sr}$ -W hexagonal ferrite 101 (1991) 131
- Murakhowski, A.A., see J.H. Hankiewicz 101 (1991) 134
- Murani, A., see M.R. Ibarra 104–107 (1992) 1375
- Murani, A.P., see W.G. Marshall 104–107 (1992) 67
- Murani, A.P., see J. Pierre 104–107 (1992) 1207
- Murata, K., see F. Iga 104–107 (1992) 1973
- Murayama, S., K. Yamada, K. Hoshi and Y. Obi, Electrical resistivity of amorphous  $\text{Hf}_{1-x}\text{Ta}_x\text{Fe}_2$  alloys 104–107 (1992) 95
- Murayama, S., see Y. Tazuke 104–107 (1992) 725
- Murphy, H.M., K.U. Neumann, D. Visser and K.R.A. Ziebeck, Crystallographic structure and magnetic ground state of  $\text{CeSi}_x$  104–107 (1992) 657
- Murthy, V.R.K., see R. Raman 102 (1991) 181
- Mutka, H., see C. Payen 104–107 (1992) 797
- Myalikguliev, G.M., see A.D. Arsenieva 99 (1991) 167
- Mydlarz, T., see W. Suski 95 (1991) L133
- Mydosh, J.A., see S.A.M. Mentink 104–107 (1992) 15
- Mydosh, J.A., see S.A.M. Mentink 104–107 (1992) 697
- Mydosh, J.A., see T. Endstra 108 (1992) 67
- Mydosh, J.A., see T. Endstra 108 (1992) 69
- Mydosh, J.A., see E.A. Knetsch 108 (1992) 71
- Mydosh, J.A., see E.A. Knetsch 108 (1992) 73
- Mydosh, J.A., see E.A. Knetsch 108 (1992) 75
- Myojin, T., M. Hayashi, T. Ohno, Y. Imaeda, T. Ushida, A. Tsujimura and T. Hihara, NMR investigation of the cobalt hyperfine field in  $(\text{Y}_{1-x}\text{Gd}_x)_2\text{Co}_{14}\text{B}$  compounds 104–107 (1992) 1195
- Myojin, T., see M. Hayashi 104–107 (1992) 1225
- Myojin, T., see T. Ohno 104–107 (1992) 2027
- Myrtle, K., see B. Heinrich 93 (1991) 75



- Nadimi, S., see B. Dieny 93 (1991) 101
- Naegele, J.R., see L. Havela 104–107 (1992) 23
- Nagaev, E.L. and A.I. Podel'shchikov, Self-trapped states of electrons in antiferromagnetic semiconductors and in a-Si with dangling bonds 104–107 (1992) 999
- Nagaev, E.L., Self-trapped states of charge carriers in magnetic semiconductors (*Review paper*) 110 (1992) 39
- Nagai, H., see K. Ichinose 104–107 (1992) 1159
- Nagai, H., see F. Maruyama 104–107 (1992) 1165
- Nagai, H., see K. Fujiwara 104–107 (1992) 1231
- Nagai, H., see H. Yoshie 104–107 (1992) 1449
- Nagai, H., see Y. Amako 104–107 (1992) 1451
- Nagai, N., see I. Umehara 104–107 (1992) 1407
- Nagai, N., see I. Umehara 104–107 (1992) 1409
- Nagai, N., see K. Satoh 104–107 (1992) 1411
- Nagamine, K., see M. Mekata 104–107 (1992) 825
- Nagamine, K., see H. Nojiri 104–107 (1992) 1311
- Nagamine, L.C.C.M. and H.R. Rechenberg, Spin reorientation transition in mixed (Dy, Gd)Fe<sub>11</sub>Ti alloys 104–107 (1992) 1277
- Nagarajan, R., see P.L. Paulose 104–107 (1992) 87
- Nagarajan, V., see P.L. Paulose 104–107 (1992) 87
- Nagasawa, M., see T. Suzuki 104–107 (1992) 1293
- Nagasawa, M., see T. Takabatake 108 (1992) 155
- Nagata, H., see Y. Makihara 96 (1991) 305
- Nagata, K., see H. Tanaka 104–107 (1992) 829
- Nagata, K. and A. Ishihara, ESR of ultrafine magnetic particles 104–107 (1992) 1571
- Nagler, S.E., D.A. Tennant, R.A. Cowley, S.K. Satija, T.G. Perring, A.D. Taylor and M. Arai, Neutron scattering study of quantum excitations in a  $S = 1/2$  Heisenberg antiferromagnetic chain 104–107 (1992) 847
- Nagler, S.E., see D.A. Tennant 104–107 (1992) 1079
- Naili, M., see R. Krishnan 93 (1991) 257
- Naili, M., see R. Žuberek 104–107 (1992) 117
- Naili, M., G. Suran and F. Machizaud, The origin of the induced magnetic anisotropy in amorphous Co–M (M = Zr, Nb, Ti, Pt) thin films 104–107 (1992) 1769
- Naish, V.E., see Yu.G. Raydugin 102 (1991) 331
- Nait-Laziz, H., see S. Bouarab 102 (1991) L233
- Nait-Laziz, H., see S. Bouarab 104–107 (1992) 1765
- Naito, K., T. Numata, K. Nakashima and Y. Namba, Structure and stability of magneto-optical recording bits in rf-magnetron-sputtered DyFeCo Films 104–107 (1992) 1025
- Naka, Y., see K.-I. Kobayashi 104–107 (1992) 413
- Nakabayashi, R., see Y. Tazuke 104–107 (1992) 725
- Nakagawa, K., K. Odagawa and A. Itoh, Rb doping effects on microstructure and crystallization kinetics of garnet films for M-O recording prepared by pyrolysis 104–107 (1992) 1007
- Nakagawa, S., Y. Furuto and M. Naoe, Ta and W additions to Co<sub>83</sub>Cr<sub>17</sub> thin films deposited on Co<sub>79</sub>Cr<sub>21</sub> underlayer 104–107 (1992) 1801
- Nakagawa, S., K. Hasegawa and M. Naoe, Magnetism and structure of iron nitride thin films deposited by a facing-targets type of ion source 104–107 (1992) 1899
- Nakagawa, S., Y. Furuto and M. Naoe, Structural and magnetic characteristics of Co–Cr films sputtered in a mixture of Ar and CH<sub>4</sub> gas 104–107 (1992) 2047
- Nakagawa, T., see M. Yuzuri 104–107 (1992) 885
- Nakagawa, Y., see G. Kido 104–107 (1992) 1239
- Nakagawa, Y., see K. Komorita 104–107 (1992) 1241
- Nakagawa, Y., see T. Kaneko 104–107 (1992) 1401
- Nakagawa, Y., see S. Abe 104–107 (1992) 1403
- Nakagawa, Y., see D.W. Lim 104–107 (1992) 1429
- Nakagawa, Y., see T. Kaneko 104–107 (1992) 1949
- Nakagawa, Y., see T. Hori 104–107 (1992) 2043
- Nakagawa, Y., see T. Hori 104–107 (1992) 2045
- Nakai, I. and H. Maeda, Fluctuations of the exchange interaction in amorphous Gd<sub>52</sub>Y<sub>16</sub>Cu<sub>32</sub> 104–107 (1992) 121
- Nakai, I. and H. Maruyama, Field dependence of the magnetisation of Fe–Ni Invars 104–107 (1992) 2053
- Nakajima, K., see K. Kakurai 104–107 (1992) 857
- Nakamichi, S., see S. Endo 104–107 (1992) 1441
- Nakamura, H. and T. Kobayashi, Effects of additional elements (IVa ~ VIa) on thermal stability of Fe–C/Ni–Fe multilayers 97 (1991) 353
- Nakamura, H., see R.G. Graham 104–107 (1992) 641
- Nakamura, H., see W.C. Chang 109 (1992) 103
- Nakamura, K., S. Tsunashima, M. Hasegawa and S. Uchiyama, Perpendicular magnetic anisotropy of PdCo alloy in multilayered structure 93 (1991) 462
- Nakamura, K., see S. Tsunashima 93 (1991) 465
- Nakamura, O., see U. Ahlheim 108 (1992) 213
- Nakamura, Y., see K. Sumiyama 96 (1991) 329
- Nakamura, Y., see H. Yoshie 104–107 (1992) 1449
- Nakashima, K., see K. Naito 104–107 (1992) 1025
- Nakatani, K., see E. Codjovi 104–107 (1992) 2103
- Nakatani, S., see J. Sakurai 108 (1992) 143
- Nakawaga, Y., see I. Mogi 104–107 (1992) 1061
- Nakayma, N., see T. Shinjo 93 (1991) 35
- Nakotte, H., see L. Havela 104–107 (1992) 23
- Nakotte, H., see F.R. de Boer 104–107 (1992) 113
- Nakotte, H., see A. Szweczyk 104–107 (1992) 1319
- Nakotte, H., see J.P. Kuang 104–107 (1992) 1475
- Namba, Y., see K. Naito 104–107 (1992) 1025
- Naoe, M., see S. Nakagawa 104–107 (1992) 1801

- Naoe, M., see K. Song 104–107 (1992)1855
- Naoe, M., see S. Nakagawa 104–107 (1992)1899
- Naoe, M., see S. Nakagawa 104–107 (1992)2047
- Narayan, K.S., O. Heres, A.J. Epstein and J.S. Miller, Anomalous metamagnetic behavior in molecular decamethylmanganocenium 2,3-dichloro-5,6-dicyanobenzoquinoneide [MnCp\*<sub>2</sub>](DDQ) (*Letter to the Editor*) 110 (1992) L6
- Nasser, J., see A. Bousseksou 110 (1992) 295
- Nattermann, T., Theory of random magnets – random field and related systems 104–107 (1992) 77
- Nattermann, T., see H. Leschhorn 104–107 (1992) 161
- Naumov, S.V., see T.I. Arbizova 95 (1991) 168
- Navarro, R., see F. Lera 104–107 (1992) 615
- Nawate, M., H. Kiriake, K. Doi, S. Honda and T. Kusuda, Room temperature spin flopping in Gd/Fe multilayers 104–107 (1992)1861
- Ndjaka, J.M., see J.M. Alameda 104–107 (1992)1813
- Ndjaka, J.M.B., see B. Dieny 93 (1991) 503
- Ndjaka, J.M.B., see J.M. Alameda 93 (1991) 509
- Ndjaka, J.M.B., see G. Peral 104–107 (1992)1755
- Nedkov, I. and A. Petkov, LiNb-substituted M-type structure Ba hexaferrites 101 (1991) 165
- Needham, L.M., see R.T. Heap 104–107 (1992) 715
- Negami, S., see S. Ishio 104–107 (1992) 143
- Negishi, H., see M. Inoue 98 (1991) 60
- Nekvasil, V., see T. Holubar 104–107 (1992) 479
- Nemirovsky, A.M., see M.M. Leite 104–107 (1992) 181
- Ness, H., D. Stoeffler and F. Gautier, Electronic structure and magnetic order on and near pyramidal supported tips 104–107 (1992)1697
- Nesterov, Yu.A., see S.A. Nikitin 96 (1991) 26
- Neto, J.M., see P.H. Domingus 96 (1991) 101
- Netzelmann, U., see Th. Orth 101 (1991) 235
- Neumann, H.-G., see H. Nörenberg 95 (1991) 215
- Neumann, K.U., see H.M. Murphy 104–107 (1992) 657
- Neumann, K.-U., see I.K. Jassim 104–107 (1992)2072
- Neumann, K.-U., see P.J. Brown 104–107 (1992)2083
- Neumann, O., see C. Brotzeller 104–107 (1992) 949
- Newman, D.M., see G.S. Bains 104–107 (1992)1011
- Newman, R., see R. Street 104–107 (1992) 371
- Ng, D.H.L., J.P. Jakubovics, C.B. Scruby and G.A.D. Briggs, Effect of stress on magneto-acoustic emission from mild steel and nickel 104–107 (1992) 355
- Nguyen, L.Q., see M.S. Li 96 (1991) 175
- Niarchos, A.D., see W. Likodimos 104–107 (1992) 563
- Niarchos, D., see A. Koufoudakis 104–107 (1992) 568
- Niarchos, D., see M. Pissas 104–107 (1992) 571
- Nicklow, R.M., see R.M. Moon 100 (1991) 139
- Nicklow, R.M., see J.A. Fernandez-Baca 104–107 (1992) 699
- Nicoara, G., see M. Nogues 104–107 (1992)1643
- Nicolaides, G.K., see M. Jurczyk 94 (1991) L6
- Nicolaides, G.K., see M. Jurczyk 104–107 (1992)1193
- Nicolaides, G.K., see H.U. Åström 104–107 (1992)1507
- Nie, X.F., G.D. Tang, X.D. Niu and B.S. Han, Classification of hard domains in garnet bubble films 95 (1991) 231
- Nie, X.F., G.D. Tang and B.S. Han, Self-shrink of the first kind of dumbbell domains in garnet bubble films 104–107 (1992) 307
- Niedermayer, C., see B. Martínez 104–107 (1992) 941
- Niedoba, H., see L.J. Heyderman 96 (1991) 125
- Nielsen, M., see A.G. Schins 104–107 (1992) 931
- Niemantsverdriet, J.W., see F. Bødker 104–107 (1992)1695
- Nieuwenhuys, G.J., see S.A.M. Mentink 104–107 (1992) 15
- Nieuwenhuys, G.J., see S.A.M. Mentink 104–107 (1992) 697
- Nieuwenhuys, G.J., see T. Endstra 108 (1992) 67
- Nieuwenhuys, G.J., see T. Endstra 108 (1992) 69
- Nieuwenhuys, G.J., see E.A. Knetsch 108 (1992) 71
- Nigam, A.K., see S. Prasad 92 (1990) 92
- Nigam, A.K., see S. Radha 110 (1992) 103
- Nigam, A.K., N. Sharma, S. Prasad, G. Chandra, S.N. Shringi, R. Krishnan and P. Rougier, Effect of Mn and Ni on the electrical resistivity of amorphous Fe<sub>(80-x-y)</sub>Ni<sub>y</sub>Mn<sub>x</sub>B<sub>12</sub>-Si<sub>8</sub> alloys 102 (1991) 297
- Nikitin, S.A., A.M. Tishin, R.V. Bezdushnyi, Yu.I. Spichkin and S.V. Red'ko, Effect of uniform pressure on magnetization and magnetic phase diagram of terbium single crystal 92 (1991) 397
- Nikitin, S.A., A.M. Tishin and P.I. Leontiev, Magnetocaloric effect and pressure influence on dysprosium single crystal magnetization in the range of magnetic phase transition 92 (1991) 405
- Nikitin, S.A., A.M. Tishin, S.F. Savchenkova, Yu.I. Spichkin, O.D. Chistykov, S.V. Red'ko and Yu.A. Nesterov, Magnetic part of specific heat in high-purity Dy single crystal 96 (1991) 26
- Nikitov, S.A., see M. Hoffmann 101 (1991) 140
- Nikolaev, I.V., see A.M. Balbashov 104–107 (1992)1037
- Nikolov, J., I. Dragieva, G. Georgiev and D. Angelov, Monocrystal Mn-Zn ferrite and its application in magnetic heads 101 (1991) 137
- Nikulov, I.G., see P.V. Zhorin 109 (1992) 375
- Nikumbh, A.K., P.L. Sayanekar and M.G. Chaskar, Magnetic and electrical properties of  $\gamma$ -Fe<sub>2</sub>O<sub>3</sub> prepared from ferrous malonate dihydrate 97 (1991) 119

- Ning, J.M., see L.M. Mei 104–107 (1992) 1903
- Ning, T.-s., see B.-g. Shen 96 (1991) 335
- Nishi, K., see K. Sumiyama 96 (1991) 329
- Nishi, K., see K. Sumiyama 102 (1991) 56
- Nishigori, S., see J. Sakurai 104–107 (1992) 1415
- Nishigori, S., see T. Fujita 108 (1992) 35
- Nishihara, Y., see A. Pösinger 98 (1991) 19
- Nishihara, Y., see T. Sugimoto 104–107 (1992) 1845
- Nishihara, Y., see F. Iga 104–107 (1992) 1969
- Nishihara, Y., see F. Iga 104–107 (1992) 1973
- Nishihara, Y., see T. Kanomata 104–107 (1992) 2063
- Nishikawa, M., see N. Iwata 99 (1991) 209
- Nishimura, K., see I.S. Oliveira 104–107 (1992) 1265
- Nishina, H., see Y. Ishii 98 (1991) 210
- Nishiyama, K., see H. Nojiri 104–107 (1992) 1311
- Niu, X.D., see X.F. Nie 95 (1991) 231
- Nizioł, S., see R. Zach 104–107 (1992) 1929
- Noakes, D.R., see B. Martínez 104–107 (1992) 941
- Nobili, L., see P.L. Cavallotti 104–107 (1992) 905
- Noguchi, S. and K. Okuda, Magnetism of ternary compounds U–T–Ga (T = transition elements) 104–107 (1992) 57
- Noguchi, S., see K. Okuda 104–107 (1992) 817
- Nogués, J., T. Puig, R.B. Jotania, R.V. Upadhyay, R.G. Kulkarni and K.V. Rao, Magnetic properties of Zn-substituted Co–Ge–Fe–O ferrites near the dilution limit 99 (1991) 275
- Nogues, M., see J.L. Dormann 104–107 (1992) 239
- Nogues, M., J.L. Dormann, J. Teillet and G. Villers, Randomly canted structures in the ferrite  $\text{Zn}_x\text{Mg}_{1-x}\text{Fe}_2\text{O}_4$  104–107 (1992) 415
- Nogues, M., D. Fiorani, J. Tejada, J.L. Dormann, S. Sayouri, A.M. Testa and E. Agostinelli, Disordered magnetic properties in the system  $\text{Zn}_x\text{Cd}_{1-x}\text{Cr}_2\text{S}_4$  104–107 (1992) 1641
- Nogues, M., M. Seqqat, F. Bourree-Vigneron, J.L. Dormann and G. Nicoara, Local distribution effects on disordered magnetic properties 104–107 (1992) 1643
- Nohara, M., see T. Suzuki 104–107 (1992) 1293
- Nohara, M., see T. Takabatake 108 (1992) 155
- Noji, T., see T. Kohara 104–107 (1992) 525
- Nojiri, H., see K. Yamagata 104–107 (1992) 803
- Nojiri, H., M. Motokawa, K. Nishiyama, K. Nagamine and T. Shigeoka,  $\mu\text{SR}$  study of  $\text{PrCo}_2\text{Si}_2$  in pulsed high magnetic field 104–107 (1992) 1311
- Nomoto, T., see K. Tamanoi 104–107 (1992) 445
- Nomura, T., see Y. Amako 104–107 (1992) 1451
- Noordermeer, A., see P.J. van der Zaag 99 (1991) L1
- Noordermeer, A., see M.T. Johnson 104–107 (1992) 421
- Nordblad, P., see P. Granberg 92 (1990) 228
- Nordblad, P., see K. Gunnarsson 104–107 (1992) 1607
- Nordblad, P., see J. Mattsson 104–107 (1992) 1619
- Nordblad, P., see J. Mattsson 104–107 (1992) 1621
- Nordblad, P., see J. Mattsson 104–107 (1992) 1623
- Nordström, L., M.S.S. Brooks and B. Johansson, Theory of the magnetism of R–Co intermetallic compounds 104–107 (1992) 1378
- Nordström, L., see M.S.S. Brooks 104–107 (1992) 1381
- Nordström, L., see M.S.S. Brooks 104–107 (1992) 1496
- Nordström, L., M.S.S. Brooks and B. Johansson, Ab initio calculation of the orbital magnetism and the magnetocrystalline anisotropy energy in  $\text{YCo}_5$  104–107 (1992) 1942
- Nörenberg, H. and H.-G. Neumann, Structure and magnetic properties of Cr/CoX (X = Cr, Ni) thin films 95 (1991) 215
- Notarys, H., see C.J. Lin 93 (1991) 194
- Nothnagel, P., K.-H. Müller, D. Eckert and A. Handstein, The influence of particle size on the coercivity of sintered NdFeB magnets 101 (1991) 379
- Nothnagel, P., see A. Handstein 101 (1991) 382
- Nothnagel, P., see D. Eckert 101 (1991) 385
- Nothnagel, P., see K.-H. Müller 104–107 (1992) 1173
- Nouet, J., see A.T. Abdalian 104–107 (1992) 1047
- Novák, L., see É. Kisdi-Koszó 92 (1990) 181
- Novák, P., J. Kub, M. Maryško, A.Yu. Kazimirov, A.N. Sosphenov and M.V. Kovalchuk, Site preferences in Bi:YIG film determined by the X-ray standing wave method 101 (1991) 155
- Novák, P., see H. Štěpánková 104–107 (1992) 409
- Novák, P., see M. Maryško 104–107 (1992) 429
- Novak, P., see A. Campos 104–107 (1992) 431
- Novák, P. and J. Kuríplach, Calculation of crystal-field parameters in rare-earth metals 104–107 (1992) 1499
- Novotný, P. and R. Gemperle, Double-jump magnetization reversal process in the domain walls of garnet films 102 (1991) 18
- Nowak, J., J. Wenda and L.J. Maksymowicz, Domain structure of Fe-BSi/Si bilayers 94 (1991) 251
- Nowak, J. and J. Rautuszkiewicz, Spin dependent electron tunneling between ferromagnetic films 109 (1992) 79
- Nowak, U., see K.D. Usadel 104–107 (1992) 179
- Nowik, I., see I. Felner 104–107 (1992) 543
- Noyel, G., see O. Derriche 102 (1991) 255
- Nozières, J.P., see J.M. Alameda 104–107 (1992) 1813
- Numata, T., see K. Naito 104–107 (1992) 1025
- Nummala, K.K., see P.J. Hakonen 104–107 (1992) 903
- Nunez, E., see P.H. Domingues 96 (1991) 101
- Nunez-Regueiro, M.D., C. Lacroix, R. Ballou and E. Lelievre,  $S = 1$  Ising model on a triangular lattice 104–107 (1992) 285
- Nunez Regueiro, M.D., see R. Ballou 104–107 (1992) 753



- Nurgaliev, T.C. and S.I. Miteva, The properties of magnetoacoustic waves in tangentially magnetized sandwich structure 101 (1991) 193
- Nutley, M.P., A.T. Boothroyd and G.J. McIntyre, Magnetisation density in  $\text{PrBa}_2\text{Cu}_3\text{O}_7$  by polarised-neutron diffraction 104–107 (1992) 623
- Obara, H., see Y. Yokoyama 104–107 (1992) 559
- Obara, T., see S. Ishio 104–107 (1992) 143
- Obbade, S., see F.J. Lázaro 101 (1991) 372
- Obbade, S., see J. Bartolomé 101 (1991) 411
- Obermeyer, R., see M.Q. Huang 102 (1991) 91
- Obi, Y., Y. Kawano, Y. Tange and H. Fujimori, Magnetic anisotropy of Fe/Mo and Fe/Pd artificial superlattices 93 (1991) 587
- Obi, Y., see S. Murayama 104–107 (1992) 95
- Obi, Y., K. Takanashi, Y. Mitani, N. Tsuda and H. Fujimori, Advanced experimental study on giant magnetoresistance of Fe/Cr superlattices by rf-sputtering 104–107 (1992) 1747
- Obi, Y., see S. Joo 104–107 (1992) 1753
- Obradors, X., see M. Tovar 104–107 (1992) 549
- Obradors, X., see J.L. García-Muñoz 104–107 (1992) 617
- Obradors, X., see X. Batlle 104–107 (1992) 918
- Obradors, X., see B. Martínez 104–107 (1992) 941
- Obradors, X., see A. Rouco 104–107 (1992) 1645
- Obradors, X., see M.T. Causa 104–107 (1992) 1649
- Obuszkó, Z., see A. Kozłowski 92 (1990) 155
- Ocal, C., see J.L. Martínez 93 (1991) 89
- Ochiai, A., see K. Fraas 108 (1992) 220
- Ocio, M., see L. Leylekan 104–107 (1992) 775
- Ocio, M., see J. Hammann 104–107 (1992) 1617
- O'Connor, D. and C.R. Stephens, A new approach to the critical behaviour of systems exhibiting a dimensional crossover 104–107 (1992) 294
- O'Connor, D. and C.R. Stephens, A new scaling formulation for finite size ferromagnets 104–107 (1992) 300
- Oda, Y., see T. Kohara 104–107 (1992) 523
- Odagawa, K., see K. Nakagawa 104–107 (1992) 1007
- Oddou, J.L., C. Jeandey, J.L. Mattei and G. Fillion, Mössbauer study of the low-temperature transition in pyrrhotite 104–107 (1992) 1987
- Odier, P., see H. Stroumbos 104–107 (1992) 633
- Odin, J., see Y. Gros 104–107 (1992) 621
- Oepen, H.P., Magnetic domain structure in ultrathin cobalt films (*Invited paper*) 93 (1991) 116
- Oesterreicher, H., M. Smith and D. Taylor, Magnetism of Fe clusters in  $\text{YBa}_2(\text{Cu}_{1-x}\text{Fe}_x)_3\text{O}_y$  104–107 (1992) 497
- O'Grady, K., see P.I. Mayo 95 (1991) 109
- O'Grady, K., R.G. Gilson and P.C. Hobby, Magnetic pigment dispersions (A tutorial review) 95 (1991) 341
- O'Grady, K., see M. El-Hilo 104–107 (1992) 1580
- O'Grady, K., see M. El-Hilo 109 (1992) L164
- Oguchi, T., see T. Miyadai 104–107 (1992) 47
- Oguri, A., see J. Inoue 104–107 (1992) 1883
- Oguro, I., see Y. Amako 104–107 (1992) 1451
- Oguro, I., see I. Sakamoto 108 (1992) 125
- O'Handley, R.C. and S.-W. Sun, Strained layers and magnetoelastic coupling 104–107 (1992) 1717
- Ohashi, M., Y. Yamaguchi and A.T. Kanomata, Neutron diffraction studies of the ferrimagnetic–antiferromagnetic phase transition in cobalt modified  $\text{Mn}_2\text{Sb}$  104–107 (1992) 925
- Ohashi, M., see H. Yasui 104–107 (1992) 927
- Ohashi, M., S. Sakurada, T. Kaneko, S. Abe, H. Yoshida and Y. Yamaguchi, Magnetic structure of the intermetallic compound  $\text{TbAu}_2\text{Si}_2$  104–107 (1992) 1383
- Ohashi, M., see S. Abe 104–107 (1992) 1403
- Ohashi, M., see H. Onodera 109 (1992) 249
- Ohmura, N., see T. Saito 104–107 (1992) 163
- Ohno, H., see S. von Molnár 93 (1991) 356
- Ohno, K., see H.O. Carmesin 104–107 (1992) 264
- Ohno, K. and Y. Okabe, Effect of randomness on surface critical phenomena by means of the  $4-d$  expansion 104–107 (1992) 275
- Ohno, T., see T. Myojin 104–107 (1992) 1195
- Ohno, T., Y. Kishimoto, T. Kanashiro, Y. Michihiro, Y. Yamada, K. Mizuno, T. Myojin and A. Tsujimura,  $^{27}\text{Al}$  spin-lattice relaxation and ultrasonic attenuation in  $\text{Ti}_{0.85}\text{Al}_{0.15}$  104–107 (1992) 2027
- Ohnuki, S., see K. Shimazaki 104–107 (1992) 1017
- Ohoyama, K., see M. Kasaya 104–107 (1992) 665
- Ohoyama, K., see M. Kohgi 108 (1992) 187
- Ohta, H., see M. Motokawa 104–107 (1992) 947
- Ohta, H., D. Donnelly and M. Motokawa, FIR measurements of  $\text{Cs-FeCl}_3$  in magnetic field 104–107 (1992) 777
- Ohta, H., C.A. Ramos, D. Lederman and V. Jaccarino, Optical phonon studies of  $\text{FeF}_2$  epitaxial thin films 104–107 (1992) 1741
- Ohta, N., see K. Shimazaki 104–107 (1992) 1017
- Ohta, S., Y. Hasebe, T. Kanomata and T. Kaneko, Thermal expansion and magnetic properties of  $\text{Mn}_{2-x}\text{Zn}_x\text{Sb}$  104–107 (1992) 1979
- Oikawa, M., see T. Miyazaki 97 (1991) 171
- Oja, A., see P. Hakonen 100 (1991) 394

- Oja, A.S. and H.E. Viertiö, Nuclear magnetic ordering in copper: the spin structure in the high-field phase at  $B \parallel [111]$  104–107 (1992) 908
- Oja, A.S., see H.E. Viertiö 104–107 (1992) 915
- Oka, K., see T. Kitai 104–107 (1992) 1357
- Okabe, Y., see M. Kikuchi 104–107 (1992) 209
- Okabe, Y., see K. Ohno 104–107 (1992) 275
- Okada, H., see I. Mogi 104–107 (1992) 1061
- Okada, H., see W.C. Chang 109 (1992) 103
- Okamoto, K., see K. Hara 92 (1990) 68
- Okamoto, K., see K. Itoh 94 (1991) 235
- Okamoto, K., see K. Hara 102 (1991) 247
- Okamoto, T., see K. Hayashi 96 (1991) 230
- Okamoto, T., see Y. Ishii 98 (1991) 210
- Okayama, Y., H. Takahashi, N. Mōri, Y.S. Kwon, Y. Haga and T. Suzuki, Pressure induced electrical and magnetic properties in Ce-mononpnictides; CeX (X = P, As, Sb and Bi) 108 (1992) 113
- Okuda, K., see S. Noguchi 104–107 (1992) 57
- Okuda, K., S. Noguchi, K. Konishi, H. Deguchi and K. Takeda, Magnetism of one-dimensional copper oxides related to HTSC 104–107 (1992) 817
- Okuda, T., see T. Fujii 92 (1990) 261
- Okuda, T., see K. Ando 104–107 (1992) 993
- Okuyama, T., see H. Yamamoto 99 (1991) 243
- Oleniacz, J., see W. Dudek 94 (1991) 243
- Oleś, A., see G. André 109 (1992) 34
- Oleś, A.M., see J. Dutka 104–107 (1992) 579
- Oliveira, I.S., K. Nishimura, Y. Isikawa and N.J. Stone, Hyperfine interaction at the R site in RNi compounds (R = La, Ce, Pr, Nd) 104–107 (1992) 1265
- Oliveira, J.B., M. Alegria Feio, J.M. Machado da Silva and M.A. Sá, Thermomagnetic behaviour of quenched ribbons of Nd<sub>16</sub>Fe<sub>76</sub>B<sub>8</sub> 104–107 (1992) 1152
- Oliveira, Jr., N.F., see A. Zieba 104–107 (1992) 71
- Olshevsky, V.G., see H. Maletta 104–107 (1992) 495
- Onellion, M., see D.q. Li 99 (1991) 85
- Öner, Y., B. Aktas, F. Apaydin and C. Kaptanoglu, Field-induced anisotropy in the NiMn system with Pt impurities 109 (1992) 323
- Önnerud, P., Y. Andersson and R. Tellgren, Neutron powder diffraction study on the magnetic phase of FeCoAs 104–107 (1992) 1989
- Ono, F., see L. Bang 104–107 (1992) 147
- Ono, F., see S. Endo 104–107 (1992) 1441
- Ono, I. and A. Yamagata, Interface profile of Kosterlitz–Thouless phase of 3-state antiferromagnetic Potts model 104–107 (1992) 257
- Ono, I., see K. Kasono 104–107 (1992) 282
- Ono, M., see R.J. Radwański 101 (1991) 392
- Ono, M., see R.J. Radwański 104–107 (1992) 1139
- Onodera, H., see H. Kobayashi 109 (1992) 17
- Onodera, H., M. Ohashi, H. Yamauchi, Y. Yamaguchi and H. Kobayashi, Magnetic phases in DyMn<sub>2</sub>Si<sub>2</sub> compound studied by <sup>161</sup>Dy Mössbauer spectroscopy 109 (1992) 249
- Onoe, S., see M. Mekata 104–107 (1992) 825
- Ōnuki, Y., see K. Satoh 104–107 (1992) 39
- Ōnuki, Y., see I. Umehara 104–107 (1992) 1407
- Ōnuki, Y., see I. Umehara 104–107 (1992) 1409
- Ōnuki, Y., see K. Satoh 104–107 (1992) 1411
- Ōnuki, Y. and A. Hasegawa, Fermi surfaces and cyclotron masses in the cerium and uranium heavy fermion compounds 108 (1992) 19
- Ōnuki, Y., see T. Kagayama 108 (1992) 103
- Ōnuki, Y., see A. Yamagishi 108 (1992) 211
- Onyszkiewicz, Z. and A. Wierzbicki, Spatial distribution of Gaussian fluctuations of the molecular field in Ising ultra-thin films 99 (1991) 253
- Ooiwa, K., K. Endo and A. Shinogi, A structural phase transition and magnetic properties in a Heusler alloy Ni<sub>2</sub>MnGa 104–107 (1992) 2011
- Ooiwa, K., see K. Endo 104–107 (1992) 2013
- Oomi, G., see Y. Uwatoko 104–107 (1992) 643
- Oomi, G., see Y. Uwatoko 104–107 (1992) 645
- Oomi, G., see K. Iki 108 (1992) 100
- Oomi, G., K. Iki, K. Shibata and Y. Aya, Anomalous pressure and concentration dependence of the martensitic transformation temperature of Fe<sub>72</sub>(Pt<sub>1-x</sub>Ni<sub>x</sub>)<sub>28</sub> alloys 104–107 (1992) 2075
- Oomi, G., see T. Kagayama 108 (1992) 103
- Oomi, G., see Y. Uwatoko 108 (1992) 105
- Oomura, T., see K.-I. Kobayashi 104–107 (1992) 413
- Oppeneer, P.M., see T. Maurer 104–107 (1992) 1029
- Orbach, R., see J. Hammann 104–107 (1992) 1617
- Orth, Th., U. Netzelmann, B. Dean, A. Hoare, O. von Geisau, J. Pelzl, R.W. Chantrell, R. Veitch and H. Jakusch, Ferromagnetic resonance investigations of particulate magnetic recording tapes 101 (1991) 235
- Ortiz, G., M.D.N. Regueiro, C. Lacroix and B. Coqblin, Self-consistent method for the two-impurity Anderson model 108 (1992) 179
- Osadchenko, V.H., see G.S. Kandau-rova 109 (1992) 332
- Osakabe, T., see M. Kohgi 108 (1992) 187
- Osano, K., see H. Sakakima 93 (1991) 349
- Oseroff, S.B., see M. Tovar 104–107 (1992) 549

- O'Shea, M.J. and K.M. Lee, Anisotropy and double (reentrant) transitions in rare-earth-transition metal alloys 99 (1991) 103
- Ossi, P.M., see P.L. Cavallotti 104–107 (1992) 905
- Ostoréro, J., M. Guillot, M. Leblanc and D. Rouet, Faraday rotation of pure and substituted cobalt ferrite single crystals 104–107 (1992) 425
- Osuch, K., On the low-temperature magnetic ordering in  $\text{ErBa}_2\text{Cu}_3\text{O}_7$  104–107 (1992) 553
- Otani, T., see S. Tsunashima 104–107 (1992) 1021
- Otani, Y., see J.M.D. Coey 98 (1991) 76
- Otani, Y., see H. Miyajima 104–107 (1992) 1117
- Otani, Y., see H. Sun 104–107 (1992) 1439
- Oti, J., see M. Pardavi-Horvath 104–107 (1992) 313
- Ott, H.R., Heavy electrons, a lasting source of puzzles 108 (1992) 1
- Ott, H.R., see A. Schenck 108 (1992) 97
- Otten, B., see J. Šimšová 101 (1991) 196
- Otto, T., T. Stobiecki, F. Stobiecki and K. Röhl, The influence of grain boundary diffusion on the amorphization of multilayered Fe/Zr films 101 (1991) 207
- Ouahmane, H., see G. Suran 104–107 (1992) 125
- Oudet, X., Paramagnetism: An alternative view. I: The theoretical approach 98 (1991) 298
- Oudet, X., Paramagnetism: An alternative view. II: The Curie constant 98 (1991) 307
- Oudet, X., Paramagnetism in 3d compounds 104–107 (1992) 1991
- Ouladdiaf, B., see R. Ballou 104–107 (1992) 935
- Ouladdiaf, B., see R. Ballou 104–107 (1992) 1465
- Ounadjela, K., see D. Stoeffler 93 (1991) 386
- Ounadjela, K., see A. Dinia 104–107 (1992) 1871
- Ounadjela, K., see D. Muller 104–107 (1992) 1873
- Ounadjela, K., A. Arbaoui, A. Herr, R. Poinsot, A. Dinia, D. Muller and P. Panissod, Interlayer exchange coupling in Co/Ru superlattices 104–107 (1992) 1896
- Ousset, J.-C., see M. Maurer 93 (1991) 15
- Ousset, J.-C., see J.-F. Bobo 93 (1991) 452
- Ouvrard, G., see V. Carteaux 94 (1991) 127
- Oxborrow, C.A., see F. Bødker 104–107 (1992) 1695
- Oyabe, K., see Y. Isikawa 108 (1992) 157
- Ozasa, S., see H. Yoshie 104–107 (1992) 1449
- Ozhogin, V.I. and V.L. Preobrazhenskii, Nonlinear dynamics of coupled systems near magnetic phase transitions of the "order-order" type 100 (1991) 544
- Pačes, J., see M. Maryško 104–107 (1992) 429
- Paches, J., see A.M. Balbashov 104–107 (1992) 1037
- Padalia, B.D., see S.K. Malik 92 (1990) 80
- Padiou, J., see H. Schmitt 104–107 (1992) 1247
- Paduan-Filho, A., see M.S. Torikachvili 104–107 (1992) 69
- Paduan-Filho, A., C.C. Becerra, C. Westphal, M. Gabás and F. Palacio, Anomalous field dependent phenomena at the spin-flop transition in  $\text{K}_2\text{Fe}(\text{Cl}_{1-x}\text{Br}_x)_5 \cdot \text{H}_2\text{O}$  solid solutions 104–107 (1992) 269
- Page, J.H., see H.M. Elmehti 104–107 (1992) 193
- Paik, C.R., see W.C. Chang 109 (1992) 103
- Paillaud, J.L., P. Legoll and M. Drillon, Magnetic properties of the quasi-1D compounds  $\text{M}_2\text{Cu}_2\text{O}_5$  with  $\text{M} = \text{Y}$ , In, Sc or a rare earth 96 (1991) 41
- Paixao, J.A., see J.G. Booth 104–107 (1992) 735
- Pajak, Z., see J.H. Hankiewicz 101 (1991) 134
- Palacio, F., see Y. Calage 98 (1991) 79
- Palacio, F., see A. Paduan-Filho 104–107 (1992) 269
- Palacio, F., C. Castro, F.J. Lázaro and J. Reyes, Spin-glass behavior in some Schiff-base Co-containing magnetic polymers 104–107 (1992) 2101
- Palewski, T., The UAs–ThSe solid solutions in high magnetic fields 92 (1990) 162
- Palme, W., O. Born, H. Krieglstein, B. Lüthi, A. Chennaoui, M. Enderle and M. Steiner, Magnetic resonances in low-dimensional spin systems 104–107 (1992) 805
- Palmer, S.B., see J. Sandomís 104–107 (1992) 345
- Palmer, S.B., see R.S. Eccleston 104–107 (1992) 1527
- Palmer, S.B., see R.S. Eccleston 104–107 (1992) 1529
- Pan, C.Y., Monte Carlo simulation for the quantum  $q$ -state Potts model 104–107 (1992) 773
- Pan, C.Y., see Q.-Q. Zheng 104–107 (1992) 1019
- Pan, C.Y., see Z. Zeng 104–107 (1992) 1157
- Pan, G.-H., Q.-T. Wang and Q.-C. Guo, Crystalline NdFe perpendicular magnetization film 104–107 (1992) 981
- Pan, Q., see Y.-C. Yang 104–107 (1992) 1353
- Pancorbo, M., see F. Cebollada 101 (1991) 199
- Panissod, P., see E. Jędryka 104–107 (1992) 1405
- Panissod, P., see A. Dinia 104–107 (1992) 1871
- Panissod, P., see D. Muller 104–107 (1992) 1873
- Panissod, P., see K. Ounadjela 104–107 (1992) 1896
- Pankhurst, Q.A., C.E. Johnson and B.M. Wanklyn, A Mössbauer study of paramagnetic  $\text{Na}_2\text{MgFeF}_7$  97 (1991) 126
- Pankhurst, Q.A., see R.J. Pollard 99 (1991) L39
- Pankhurst, Q.A., Measurement of magnetic anisotropy in ferromagnetic powders by applied field Mössbauer spectroscopy 101 (1991) 291
- Pankhurst, Q.A., M.R.J. Gibbs and A.P. Thomas, Moment distribution in  $\text{Fe}_{78}\text{B}_{13}\text{Si}_9$  ribbons by Mössbauer spectroscopy 104–107 (1992) 111
- Pankhurst, Q.A., see S. Suhran 104–107 (1992) 879
- Pankhurst, Q.A., see G.R. Thompson 104–107 (1992) 893
- Pankhurst, Q.A., see R.J. Pollard 104–107 (1992) 1557



- Pannetier, J., see P. Lacorre 94 (1991) 331  
Pannetier, J., see P. Lacorre 94 (1991) 337  
Pannetier, J., see M. Leblanc 92 (1991) 359  
Pannetier, J., see P. Lacorre 92 (1991) 366  
Paoluzi, A. and G. Turilli, Some comments on magnetization reversal in uniaxial ferrite magnets (*Letter to the Editor*) 92 (1990) L39  
Paoluzi, A., see G. Turilli 97 (1991) 338  
Paoluzi, A., see G. Turilli 104–107 (1992) 1143  
Papakonstantinou, P., see R. Atkinson 104–107 (1992) 1005  
Papoular, R., see J.X. Boucherle 104–107 (1992) 630  
Paraskevas, S.M., see W. Likodimos 104–107 (1992) 563  
Pardavi-Horvath, M., see E. Della Torre 104–107 (1992) 303  
Pardavi-Horvath, M., J. Oti, G. Vertesy, L.H. Bennett and L.J. Swartzendruber, A Preisach model study of demagnetized states 104–107 (1992) 313  
Pardavi-Horvath, M., P.E. Wigen, R.E. Bornfreund, R.F. Belt and J.B. Ings, Asymmetric switching in high coercivity garnet films 104–107 (1992) 433  
Pareti, L., see P.A. Algarabel 101 (1991) 111  
Pareti, L., see G. Marusi 101 (1991) 333  
Pareti, L., see G. Turilli 104–107 (1992) 1143  
Paris, C., see L. Albanese 104–107 (1992) 509  
Parker, D.A., see B. Dean 104–107 (1992) 1547  
Parker, M.R., see J.O. Artman 104–107 (1992) 977  
Parkin, S.S.P., see B. Dieny 93 (1991) 101  
Parkin, S.S.P., see Y.Y. Huang 99 (1991) L31  
Parlinski, K., see J. Sandońs 104–107 (1992) 345  
Paroli, P., see R. Hock 104–107 (1992) 453  
Parra, R.E. and A.C. González, Atomic short range order and antiferromagnetism in Mn alloys 104–107 (1992) 2017  
Pasquale, M., F. Fiorillo and G. Bertotti, Hysteresis loop properties of nonoriented Fe–Si alloys 104–107 (1992) 337  
Pastushenkov, J., A. Forkl and H. Kronmüller, Magnetic domain structure of sintered Fe–Nd–B type permanent magnets and magneto-static grain interaction 101 (1991) 363  
Pastushenkov, J., see A. Forkl 101 (1991) 367  
Patil, R.S., P.K. Maskar, S.V. Kakatkar, S.R. Jadhav, S.A. Patil and S.R. Sawant, Magnetic properties of  $\text{Li}_{0.5}\text{Zr}_x\text{Zn}_x\text{Fe}_{2.5-2x}\text{O}_4$  102 (1991) 51  
Patil, S., P.L. Paulose, C. Quitmann and G. Güntherodt, Enhanced flux line pinning in Pb doped  $\text{Bi}_2\text{Sr}_2\text{CaCu}_2\text{O}_{8+y}$  104–107 (1992) 521  
Patil, S.A., see R.S. Patil 102 (1991) 51  
Patil, S.H., S.I. Patil, S.M. Kadam and B.K. Chougule, Magnetization and structural studies of  $\text{Cu}_x\text{Mg}_{1-x}\text{Fe}_2\text{O}_4$  ferrite system 110 (1992) 147  
Patil, S.I., see S.H. Patil 110 (1992) 147  
Patrikios, N., M. de Podesta, S.B. Roy and K.A. McEwen, Microcalorimeter measurements of the heat capacity of  $\text{U}_{1-x}\text{La}_x\text{Ru}_2\text{Si}_2$  108 (1992) 95  
Pattalwar, S.M., see S.K. Dhar 104–107 (1992) 1303  
Paul, D.McK., see G. Balakrishnan 104–107 (1992) 469  
Paul, D.McK., E.M. Forgan, R. Cubitt, S.L. Lee, H.A. Mook and P. Timmins, Neutron scattering from the flux lattice in high temperature superconductors 104–107 (1992) 591  
Paul, D.McK., see P. Warren 104–107 (1992) 687  
Paul, D.McK., see A.T. Boothroyd 104–107 (1992) 713  
Paul, D.McK., see S.R. Culverhouse 108 (1992) 121  
Paul, W., see O. Göser 92 (1990) 129  
Paul, W., see B. Fischer 94 (1991) 79  
Paul, W., see H.G. Kahle 104–107 (1992) 1185  
Paulose, P.L., V. Nagarajan, R. Nagarajan and R. Vijayaraghavan, Magnetic behaviour of melt spun Fe–RuB,  $\text{Fe}_{80}\text{Ru}_{10}\text{B}_{10}$  alloys 104–107 (1992) 87  
Paulose, P.L., see S. Patil 104–107 (1992) 521  
Paulsen, C.C., see H. Amitsuka 104–107 (1992) 60  
Paulsen, C.C., see Y. Miyako 108 (1992) 190  
Pavão, A.C., see J. Albino Aguiar 104–107 (1992) 547  
Pavlovic, A.S., see M.R. Ibarra 104–107 (1992) 1373  
Pavlovic, A.S., Some magnetic properties of  $\sigma$ -phase  $\text{CrMn}_3$  104–107 (1992) 2035  
Pawłowska, G., see S. Szymura 94 (1991) 113  
Pawłowska, G., see H. Bala 103 (1992) 58  
Payen, C., H. Mutka, J.L. Soubeyroux, P. Molinié and P. Colombet, Static and dynamic properties of the quasi-1D Heisenberg antiferromagnets  $\text{AgVP}_2\text{S}_6$  ( $S = 1$ ) and  $\text{AgCrP}_2\text{S}_6$  ( $S = 3/2$ ) 104–107 (1992) 797  
Payer, K., see E. Bauer 104–107 (1992) 651  
Pearce, A., see J. Sandońs 104–107 (1992) 345  
Pearce, A., see J. Sandońs 104–107 (1992) 347  
Pechennikov, A.V., see A.D. Arsenieva 99 (1991) 167  
Pecheur, P., see M.O. Selme 93 (1991) 285  
Pecheur, P., see M.O. Selme 109 (1992) 39  
Pędziwiatr, A.T., see J.J. Bara 99 (1991) 204  
Pei, Yu, see E. Codjovi 104–107 (1992) 2103  
Pelissier, S., R. Saldanha, J.-P. Yonnet and J.-L. Coulomb, Optimization of a linear permanent magnet actuator 101 (1991) 335  
Pelzl, J., see R. Kordecki 93 (1991) 281  
Pelzl, J., see M. Hoffmann 101 (1991) 140  
Pelzl, J., see Th. Orth 101 (1991) 235  
Peña, O., see H. Schmitt 104–107 (1992) 1247  
Peña, O., A. Meerschaut and P. Rabu, Magnetic properties of the misfit layer compound  $(\text{CeS})_{1.15}\text{NbS}_2$  104–107 (1992) 1249  
Penfold, J., see J.A.C. Bland 93 (1991) 513

- Peng, C.-B., D.-S. Dai, R.-Y. Fang and Z.-X. Liu, Low temperature magnetic excitations in amorphous light rare-earth-transition-metal thin films 92 (1991) 353
- Peng, C.b., D.s. Dai and Y.b. He, The magnetic anisotropy and interlayer magnetic coupling of evaporated Ag/Ni multilayers 110 (1992) 113
- Peng, J.L., see S. Skanthakumar 104–107 (1992) 519
- Pénicaud, M., B. Siberchicot, C.B. Sommers and J. Kübler, Calculated electronic band structure and magnetic moments of ferrites 103 (1992) 212
- Pénissard, G., see F. Pierre 104–107 (1992) 1033
- Penna, T.J.P., see J.J. Arenzon 104–107 (1992) 1652
- Pepperhoff, W., see W.M. Xu 104–107 (1992) 2023
- Peral, G., J.M.B. Ndjaka, D. Givord and J.L. Vicent, Hall effect in R-Co amorphous films and R-Co/R'-Co/R-Co sandwiches (R, R' = Y, Nd, Gd) 104–107 (1992) 1755
- Peraldo Bicelli, L., S. Maffi, F. Leccabue, A. Deriu and G. Calestani, Electrochemical and magnetostuctural aspects of lithium insertion in BaFe<sub>12</sub>O<sub>19</sub> 94 (1991) 267
- Perenboom, J.A.A.J., see E. Brück 104–107 (1992) 17
- Pérez, F., see M. Tovar 104–107 (1992) 549
- Pérez, G.T., J.F. Fuertes, J.M. Almeda and F.H. Salas, Evidence of different magnetic phases in amorphous Fe<sub>x</sub>Si<sub>1-x</sub>/Si multilayers 93 (1991) 155
- Pérez-Conde, J. and P. Pfeuty, The two-dimensional Hubbard model: a renormalization group analysis 104–107 (1992) 251
- Perlov, C.M., see E. Della Torre 104–107 (1992) 303
- Pernet, M., see X. Batlle 104–107 (1992) 918
- Pernot, P., V. Polo, R. Vangelisti, G. Chouteau and M. El Hafidi, Structure and magnetic properties of a stage-1 bi-intercalated graphite compound with AlCl<sub>3</sub> and CoCl<sub>2</sub> 104–107 (1992) 853
- Perrin, A., see H. Schmitt 104–107 (1992) 1247
- Perring, T.G., see A.T. Boothroyd 104–107 (1992) 713
- Perring, T.G., see S.E. Nagler 104–107 (1992) 847
- Peruchetti, J.C., see C. Krembel 93 (1991) 529
- Peschany, S.E., see N.A. Usov 110 (1992) L1
- Petek, B., see M.A. Russak 104–107 (1992) 1847
- Petersen, J.J., see E.A. Knetsch 108 (1992) 71
- Peterson, D.T., see B. Dieny 93 (1991) 101
- Petitgrand, D., see B. Gillon 104–107 (1992) 583
- Petitgrand, D., L. Boudarène, P. Bourges and P. Galez, Interplay of copper and neodymium magnetic moments in the magnetic structure of Nd<sub>2</sub>CuO<sub>4</sub> investigated by neutron scattering 104–107 (1992) 585
- Petkov, A., see I. Nedkov 101 (1991) 165
- Petkov, V., A. Apostolov, G. Hilscher and H. Sassik, Correlation between the magnitude of structural disorder and the frustration of magnetic order in Gd<sub>4</sub>Mn<sub>3</sub> metallic glass 109 (1992) 309
- Petrillo, C., F. Sacchetti and M. Scafi, Antiferromagnetic alignment of Mn in ferromagnetic MnNi<sub>3.5</sub> alloy: state of order dependence 104–107 (1992) 2015
- Petrocco, G., see R. Marcelli 104–107 (1992) 436
- Petroff, F., A. Barthélémy, A. Hamzić, A. Fert, P. Etienne, S. Lequien and G. Creuzet, Magnetoresistance of Fe/Cr superlattices 93 (1991) 95
- Petroff, F., see D.H. Mosca 93 (1991) 480
- Petroff, F., see D.H. Mosca 94 (1991) L1
- Petroff, F., see A. Fert 104–107 (1992) 1712
- Petroff, F., see D. Lottis 104–107 (1992) 1811
- Pfeiffer, H., see R. Müller 101 (1991) 237
- Pfeiffer, H., see M. El-Hilo 104–107 (1992) 1580
- Pfeiler, W., see R. Clad 104–107 (1992) 1593
- Pfeuty, P., see J. Pérez-Conde 104–107 (1992) 251
- Pfützner, H., see P. Schönhuber 101 (1991) 86
- Phan, M.S., see J. Mathon 104–107 (1992) 1721
- Phan, M.S., J. Mathon, D.M. Edwards and R.B. Muniz, Theory of spin waves in magnetic overlayers and sandwiches 104–107 (1992) 1876
- Pi, S.H., see J.-P. Yang 110 (1992) L261
- Piecuch, M., see M. Maurer 93 (1991) 15
- Piecuch, M., see J.-F. Bobo 93 (1991) 452
- Piecuch, M., see F. Baudalet 93 (1991) 539
- Piecuch, M., see K. Cherifi 93 (1991) 609
- Piel, H., see M. Hein 104–107 (1992) 529
- Pieper, M., see M. Ziese 104–107 (1992) 537
- Pierce, D.T., see M.R. Scheinfein 93 (1991) 109
- Pierre, F., P. Boher, Ph. Houdy, F.W.A. Dirne and H.J. de Wit, Soft magnetic properties of Fe/FeN multilayer films prepared by reactive diode rf sputtering 93 (1991) 131
- Pierre, F., P. Boher, Ph. Houdy, J. Ferré, G. Pénissard, V. Grolier, J. Teillet and A. Fnidiki, Magneto-optical properties of diode rf-sputtered Tb/Fe multilayers: influence of the stack parameters 104–107 (1992) 1033
- Pierre, F., see F. Giron 104–107 (1992) 1887
- Pierre, J., see A.A. Ghani 97 (1991) 141
- Pierre, J., S. Auffret, B. Lambert-Andron, R. Madar, A.P. Murani and J.L. Soubeyroux, Magnetic and transport properties of rare earth silicides RSi<sub>2-x</sub> 104–107 (1992) 1207
- Pierre, J., see S. Auffret 104–107 (1992) 1209
- Pierron-Bohnes, V., see D. Muller 104–107 (1992) 1873
- Pietruszka, M., see M. Matlak 110 (1992) 287

- Pilipeczuk, E. and M. Kopcewicz, Magnetic and structural ordering in amorphous FeNiB alloys 102 (1991) 47
- Pilkington, C.S., see B.K. Tanner 104–107 (1992) 1611
- Pillay, R.G., see B.V.B. Sarkissian 104–107 (1992) 1271
- Pillmayr, N., G. Schaudy, T. Holubar and G. Hilscher, Specific heat measurements of  $\text{Ce}(\text{Fe}_{1-x}\text{M}_x)_2$  compounds ( $\text{M} = \text{Al}, \text{Si}, \text{Co}, \text{Ni}, \text{Cu}, \text{In}, \text{Sn}$ ) 104–107 (1992) 881
- Pillmayr, N., see V. Sechovský 104–107 (1992) 11
- Pillmayr, N., see G. Schaudy 104–107 (1992) 477
- Pillmayr, N., see T. Holubar 104–107 (1992) 479
- Pillmayr, N., E. Bauer and K. Yoshimura, Electronic properties of the valence transition system  $\text{YbIn}_{1-x}\text{Ag}_x\text{Cu}_4$  104–107 (1992) 639
- Pillmayr, N., see E. Bauer 104–107 (1992) 651
- Pillmayr, N., see E. Gratz 104–107 (1992) 1918
- Pillmayr, N., see I. Das 108 (1992) 82
- Pimpinelli, A., see E. Rastelli 104–107 (1992) 173
- Pinettes, C., see C. Lacroix 104–107 (1992) 751
- Ping, J.Y., D.G. Rancourt and R.A. Dunlap, Physical basis and breakdown of hyperfine field distribution analysis in fcc Fe–Ni (5–70 at%Fe) 103 (1992) 285
- Pini, M.G., see P. Politi 104–107 (1992) 1707
- Pinkvos, H., see A. Kalk 102 (1991) 184
- Pinol, S., see G. Balakrishnan 104–107 (1992) 469
- Pinto, H., see M. Kuznietz 96 (1991) 245
- Pinto, H., see M. Kuznietz 104–107 (1992) 13
- Pinto, M.A., Limitations of the magnetic charge formalism 97 (1991) 235
- Pinto, M.A., Vectorial aspects of ferromagnetic hysteresis 98 (1991) 221
- Pinto, R.P., M.M. Amado, M. Salgueiro Silva, M.E. Braga, J.B. Sousa, B. Chevalier and J. Etourneau, Transport and thermal properties in  $\text{NdRu}_2\text{Si}_2$  and  $\text{TbRu}_2\text{Si}_2$  compounds 104–107 (1992) 1235
- Piotrowski, K., see R. Szymczak 92 (1990) L19
- Piotrowski, K., R. Szymczak, M. Baran and H. Szymczak, Visual study of the radiation induced flux pinning enhancement in superconducting  $\text{Bi}_2\text{Sr}_2\text{CaCu}_2\text{O}_x$  single crystals 104–107 (1992) 483
- Piqué, C., see F. Luis 101 (1991) 414
- Piqué, C., see R. Burriel 104–107 (1992) 627
- Piqué, C., R. Burriel, L.M. García, F.J. Lázaro and J. Bartolomé, A heat capacity study of the permanent magnets  $\text{R}_2\text{Fe}_{14}\text{B}$  ( $\text{R} = \text{Y}, \text{Nd}, \text{Ho}, \text{Er}$ ) 104–107 (1992) 1167
- Piroux, L., A. Fert, P.A. Schroeder, R. Loloee and P. Etienne, Large magnetothermoelectric power in Co/Cu, Fe/Cu and Fe/Cr multilayers (*Letter to the Editor*) 110 (1992) L247
- Pirnay, J., U. Krey and S. Krompiewski, Itinerant magnetism at surfaces and interfaces of ultrathin Fe-films: enhanced surface polarization and impurity effects 93 (1991) 267
- Pirogov, A.V., see H. Maletta 104–107 (1992) 495
- Pissas, M., V. Psycharis, C. Mitros, G. Kallias, D. Niarchos, A. Simopoulos and A. Kostikas, Mössbauer and X-ray powder diffraction study of the compound  $\text{LuBaCuFeO}_{5+x}$  104–107 (1992) 571
- Place, C., see A. Bousseksou 104–107 (1992) 225
- Place, H., see T.E. Grigereit 104–107 (1992) 831
- Plakhty, V., see F. Dunstetter 96 (1991) 282
- Plakida, N.M., see D. Ihle 104–107 (1992) 511
- Plaskett, T.S., see P.P. Freitas 93 (1991) 485
- Platzner, R., see J. Voigt 93 (1991) 341
- Plazaola, F., see M.L. Fdez-Gubieda 104–107 (1992) 82
- Plugaru, N., see E. Burzo 97 (1991) 147
- Plumier, R., Effects of a magnetic field on the spiral configuration 104–107 (1992) 891
- Plumier, R. and M. Sougi, Magnetic modes coupling in a fcc Bravais lattice 104–107 (1992) 899
- Podel'shchikov, A.I., see E.L. Nagaev 104–107 (1992) 999
- Podgórný, M., M. Thon and D. Wagner, Electronic structure and thermodynamic properties of Fe–Pt alloys 104–107 (1992) 703
- Podurets, K.M., see J. Sandońs 104–107 (1992) 350
- Pogorelov, Yu.G., see M.A. Ivanov 99 (1991) 323
- Pohl, J., see K. Hinrichs 104–107 (1992) 1676
- Poinsot, R., see K. Ounadjela 104–107 (1992) 1896
- Pointon, A.J., see Z. Šimša 101 (1991) 233
- Pokazan'ev, V., see S. Burmistrov 96 (1991) 349
- Pokazan'ev, V., see J. Jalishev 102 (1991) 208
- Pokrovskii, D.V., see H. Bala 103 (1992) 58
- Polak, C., R. Grössinger, H. Sassik and G. Herzer, Comparison of the magnetic properties of Fe-based amorphous and nanocrystalline ferromagnets 104–107 (1992) 100
- Politi, P., A. Rettori and M.G. Pini, Surface spin waves in ferromagnetic thin films with nn and nnn exchange 104–107 (1992) 1707
- Pollard, R.J. and Q.A. Pankhurst, Ferromagnetism in fine ferroxyhite particles (*Letter to the Editor*) 99 (1991) L39
- Pollard, R.J., Q.A. Pankhurst and P. Zientek, The effect of preferred orientation on high-field Mössbauer spectra of goethite 104–107 (1992) 1557
- Polo, V., see P. Pernot 104–107 (1992) 853
- Polzikova, N.I. and A.O. Raevskii, Nonlinear effects accompanying magnetostatic wave propagation in the ferrite–high temperature superconductor structure 101 (1991) 175



- Pomjakushin, Y.Yu., see H. Maletta 104–107 (1992) 495
- Pommier, J., see D. Bertrand 104–107 (1992) 389
- Pon, G., see T.E. Grigereit 104–107 (1992) 1981
- Ponomarev, A.N., see H. Maletta 104–107 (1992) 495
- Ponomarev, B.K., Band paramagnetism in  $\text{Fe}_{65}(\text{Ni}_{1-x}\text{Mn}_x)_{35}$  alloys near a critical concentration 97 (1991) 31
- Poon, W.C.K., see K.A. Hawick 104–107 (1992) 423
- Pop, V., see E. Burzo 97 (1991) 147
- Popiel, E., see Z. Drzazga 104–107 (1992) 1437
- Popiel, E.S., see W. Zarek 104–107 (1992) 2067
- Popma, Th.J.A., see W.J.M.A. Geerts 104–107 (1992) 971
- Popov, O., see J. Geshev 92 (1990) 185
- Popov, O. and M. Mikhov, Thermo-magnetic curves: influence of the demagnetization field (*Letter to the Editor*) 96 (1991) L23
- Popov, O., P. Rachev, M. Mikhov, F. Calderon, J.L. Sanchez Ll. and F. Leccabue, Experimental study of the Hopkinson effect in fine  $\text{BaFe}_{12}\text{O}_{19}$  particles 99 (1991) 119
- Poppi, M., see G. Buttino 97 (1991) 135
- Popplewell, J. and A. Al-Qenaie, Magnetic fluid particle size determination from viscosity measurements 104–107 (1992) 1555
- Por, P.T., see P.J. van der Zaag 99 (1991) L1
- Por, P.T., see M.T. Johnson 104–107 (1992) 421
- Porte, M., see R. Krishnan 103 (1992) 47
- Porteseil, J.L., see O. Geoffroy 97 (1991) 198
- Porteseil, J.L., see O. Geoffroy 97 (1991) 205
- Porteseil, J.L., see O. Geoffroy 104–107 (1992) 379
- Portis, A.M., see P. Erhart 104–107 (1992) 487
- Portis, A.M., see M. Hein 104–107 (1992) 529
- Pösinger, A., W. Steiner and Y. Nishihara, High field Mössbauer investigations of the magnetic phase transition in  $\text{Sc}_{0.25}\text{Ti}_{0.75}\text{Fe}_2$  at 4.2 K 98 (1991) 19
- Pösinger, A., W. Steiner, H. Winkler, A.X. Trautwein and Y. Yoshida, Mössbauer investigations of the cluster dynamics in (Au, Fe) above  $T_f$  104–107 (1992) 1597
- Pösinger, A., see W.M. Xu 104–107 (1992) 2023
- Potapova, L.V., see H. Bala 103 (1992) 58
- Potocký, L., see É. Kisdi-Koszó 92 (1990) 181
- Potocký, L., see Z. Kaczkowski 101 (1991) 25
- Potzel, W., see I. Yaar 104–107 (1992) 63
- Poulter, J. and J.A. Blackman, The  $\pm J$  spin-glass model: a new exponent 104–107 (1992) 1647
- Powroźnik, W., see M. Lubecka 93 (1991) 432
- Praček, M., see F. Vodopivec 97 (1991) 281
- Prakash Narayan, S., V. Rao and O.N. Mohanty, Microstructural, mechanical and magnetic properties of high-strength low-alloy steel 96 (1991) 137
- Prandl, W., see Th. Brückel 104–107 (1992) 1629
- Prandl, W., see K. Hinrichs 104–107 (1992) 1676
- Prasad, S., V. Srinivas, S.N. Shringi, A.K. Nigam, G. Chandra and R. Krishnan, Magnetic moments and hyperfine fields in a-Fe–Cr–B–Si alloys 92 (1990) 92
- Prasad, S., see R. Krishnan 93 (1991) 257
- Prasad, S., see A.K. Nigam 102 (1991) 297
- Prasad, S., see R. Krishnan 104–107 (1992) 1822
- Prassides, K., see M.J. Rosseinsky 104–107 (1992) 599
- Pratt Jr., W.P., see D.H. Mosca 93 (1991) 480
- Pratt Jr., W.P., see D.H. Mosca 94 (1991) L1
- Pratt, W.P., see A. Fert 104–107 (1992) 1712
- Preisler, E., see H. Maletta 104–107 (1992) 495
- Prejean, J.J., see J.C. Martinez 104–107 (1992) 601
- Préjean, J.J., see J.M. Alameda 104–107 (1992) 1813
- Preobrazhenskii, V.L., see V.I. Ozhogin 100 (1991) 544
- Price, S., see J.R. Brown 104–107 (1992) 207
- Pringle, O.A., G.J. Long, F. Grandjean and K.H.J. Buschow, A Mössbauer effect study of  $\text{Nd}_2\text{Fe}_{17}$  and  $\text{Nd}_2\text{-Fe}_{17}\text{N}_{2.6}$  104–107 (1992) 1123
- Pringle, O.A., see D.E. Tharp 104–107 (1992) 1477
- Prinz, G.A., Metastability in epitaxial magnetic metal films 100 (1991) 469
- Prinz, G.A., see C.M. Williams 110 (1992) 61
- Privik, M., see K. Sumiyama 96 (1991) 329
- Probst, P.A., see K. Satoh 104–107 (1992) 39
- Probst, P.-A., see K. Satoh 104–107 (1992) 1411
- Probst, P.-A., see M. Hunt 108 (1992) 127
- Prodi, G.A., see M. Cerdonio 101 (1991) 92
- Prokoshin, A.Ph., see A.D. Arsenieva 99 (1991) 167
- Proksch, R. and E.D. Dahlberg, A numerical study of MFM response 104–107 (1992) 2123
- Proykova, Y.G., see J.R. Brown 104–107 (1992) 207
- Prystasz, W. and J. Klamut, Theory of formation of the stable ferromagnetic phase in a metamagnet 96 (1991) 275
- Psycharis, V., see A. Koufoudakis 104–107 (1992) 568
- Psycharis, V., see M. Pissas 104–107 (1992) 571
- Pszczola, J., D. Best, L. Klimek and M. Forker, Hyperfine interactions of  $\text{Ce}_x\text{Dy}_{1-x}\text{Fe}_2$  intermetallics 92 (1990) 101
- Puchalska, I., see A. Rakii 93 (1991) 247
- Puchalska, I.B., see L.J. Heyderman 96 (1991) 125
- Puig, T., see J. Nogués 99 (1991) 275
- Pulido, E., see M.J. Bernal 104–107 (1992) 1090
- Pulido, E., see J.M. Gonzalez 104–107 (1992) 1179
- Purcell, S.T., H.W. van Kesteren, E.C. Cosman and W. Hoving, Structural and magnetic studies of ultrathin epitaxial Co films deposited on a Pd(111) single crystal 93 (1991) 25
- Purcell, S.T., see P. Grünberg 104–107 (1992) 1734
- Pureur, P., J.G. Sereni and J. Schaf, Specific heat and magnetic susceptibility in  $\text{YNd}$  alloys 104–107 (1992) 1632

- Püst, L., see M. Jirsa 101 (1991) 105  
 Püst, L., see A.M. Balbashov 104–107 (1992) 1037  
 Puzskarski, H., Bilayer ferromagnetic film with tensorial interface exchange coupling. Localized modes 93 (1991) 290  
 Puźniak, R., see F.R. de Boer 101 (1991) 3  
 Puźniak, R., see F.R. de Boer 104–107 (1992) 113
- Qiao, W.H., Q. Wang, X.P. Zhong and H.L. Luo, Molecular field theory analysis of  $R_2Fe_{17}C_x$  ( $R = Sm, Er$ ) compounds 110 (1992) 170  
 Qin, Q. and H. Keiter, Transport properties of the Anderson model at finite  $U$  108 (1992) 199  
 Qiu, Z.Q., see C.J. Gutierrez 93 (1991) 326  
 Qiu, Z.Q., see C.J. Gutierrez 93 (1991) 369  
 Qiu, Z.Q., see C.J. Gutierrez 99 (1991) 215  
 Qiu, Z.Q., see J.C. Walker 104–107 (1992) 1703  
 Quak, D., Quasi-static field calculations in a layered, anisotropic structure 101 (1991) 191  
 Quan, M.X., see D.P. Yang 109 (1992) 1  
 Quang, P.H., see R.J. Radwański 104–107 (1992) 1321  
 Quang, P.H., see R. Verhoef 104–107 (1992) 1325  
 Quang, P.H., see R. Verhoef 104–107 (1992) 1473  
 Quema, A., see N. Ichinose 104–107 (1992) 565  
 Quémerais, P., see L.M. Floría 104–107 (1992) 199  
 Quezel, S., see P. Burlet 108 (1992) 202  
 Qui, M.y., see R.w. Gao 95 (1991) 205  
 Quintero, M., see J. Lamazares 104–107 (1992) 997  
 Quitmann, C., see S. Patil 104–107 (1992) 521  
 Qun, W., see Z.-G. Zhao 104–107 (1992) 1287
- Raasch, D. and S. Klahn, Influence of the thermal conductivity of MO-disks on its recording performance 93 (1991) 365  
 Raasch, D., Wall energies of amorphous GdTb–FeCo single and exchange coupled double-layer films 101 (1991) 202  
 Rabinovich, Yu.M., see S. Szymura 94 (1991) 113  
 Rabu, P., see O. Peña 104–107 (1992) 1249  
 Rachev, P., see O. Popov 99 (1991) 119  
 Rachford, F.J., see C.M. Williams 110 (1992) 61  
 Radha, S., S. Ramakrishnan, A.K. Nigam and G. Chandra, Effect of Cr on the reentrant spin glass behaviour of AuFe 110 (1992) 103  
 Radhakrishna, P. and J.W. Cable, Magnetic excitations in the triangular antiferromagnet  $Mn_3Sn$  104–107 (1992) 1065  
 Rado, G.T., Magnetic surface anisotropy 104–107 (1992) 1679  
 Rado, G.T., see R.J. Hicken 104–107 (1992) 1743  
 Radwan, A.E., Non-axisymmetric magnetohydrodynamic instability of a streaming bounded hollow cylinder 92 (1990) 233  
 Radwan, A.E., Self-gravitating instability of an annular fluid jet of double perturbed interfaces 94 (1991) 141  
 Radwan, A.E., Electrodynamic stability of a self-gravitating fluid cylinder ambient with another self-gravitating fluid under radial varying electric field 94 (1991) 311  
 Radwan, A.E., Three dimensions varying MHD instability of an annular fluid cylinder 94 (1991) 319  
 Radwan, A.E., Self-gravitating stability of two-fluids interface based on Lagrangian energy technique 96 (1991) 291  
 Radwan, A.E., Capillary instability of a rotating viscous hollow jet 98 (1991) 162  
 Radwan, A.E., Electrical stability of a cylindrical fluid interface utilizing the energy principle 98 (1991) 173  
 Radwan, A.E., Magnetohydrodynamic instability of a two fluid interface 109 (1992) 71  
 Radwan, A.E., Electrogravitational instability of cylindrical interface acted upon by a varying electric field 110 (1992) 331  
 Radwański, R.J., F.R. de Boer, X.P. Zhong, F.M. Yang, J.Y. Li, T. Kohashi, M. Ono, M. Date and A. Yamagishi, High-field magnetic transition in  $Er_2Fe_{14}B$  101 (1991) 392  
 Radwański, R.J., see F.E. Kayzel 101 (1991) 424  
 Radwański, R.J., Magnetization process in the antiferromagnet  $URu_2Si_2$  (*Letter to the Editor*) 103 (1992) L1  
 Radwański, R.J., see Z. Tarnawski 104–107 (1992) 613  
 Radwański, R.J., X.P. Zhong, F.R. de Boer, F.M. Yang, J.Y. Li, T. Kohashi, M. Ono, M. Date and A. Yamagishi, Field-induced non-linear magnetic structures in  $Er_2Fe_{14}B$ -based compounds 104–107 (1992) 1139  
 Radwański, R.J., see A. Szytuła 104–107 (1992) 1237  
 Radwański, R.J., see A. Szewczyk 104–107 (1992) 1319  
 Radwański, R.J., J.J.M. Franse, P.H. Quang and F.E. Kayzel, The Gd anisotropy in  $GdCo_5$  104–107 (1992) 1321  
 Radwański, R.J., see C. Marquina 104–107 (1992) 1323  
 Radwański, R.J., see R. Verhoef 104–107 (1992) 1473  
 Raevskii, A.O., see N.I. Polzikova 101 (1991) 175  
 Rager, H., see A.F. Andresen 94 (1991) 347  
 Rahman, S., N. Shah, T. Mihalisin, J.E. Crow and P. Schlottmann, Thermodynamic and transport properties of  $Ce(Tl_{1-x}Sn_x)_3$  system 97 (1991) 223  
 Rainford, B.D., see J.I. Arnaudas 101 (1991) 65  
 Rainford, B.D., see D.R. Denholm 104–107 (1992) 103  
 Rainford, B.D., S. Dakin and R. Cywinski, Spin fluctuations in  $YMn_2$  and related alloys 104–107 (1992) 1257

- Rainford, B.D., see S. Mondal 104–107 (1992) 1421
- Rainford, B.D., see R. Cywinski 104–107 (1992) 1424
- Rainford, B.D., see C. Ritter 104–107 (1992) 1427
- Rainford, B.D., see S. Dakin 108 (1992) 117
- Rainford, B.D., S. Dakin and A. Severing, Spin dynamics of  $\text{CeRu}_2\text{Si}_{2-x}\text{-Ge}_x$  alloys 108 (1992) 119
- Rainford, B.D., see S.R. Culverhouse 108 (1992) 121
- Rajainmäki, H., see M. Talvitie 102 (1991) 323
- Rajaraman, A.K., see M. Huang 97 (1991) 297
- Raju, N.P., see R.K. Kremer 104–107 (1992) 959
- Rakii, A., H. Le Gall, J. Gieraltowski, L. Loaëc, A. Fessant and I. Puchalska, Improved soft magnetism of amorphous  $\text{CoZr}$  films 93 (1991) 247
- Ram, S. and J.C. Joubert, Synthesis and magnetic properties of  $\text{SrZn}_2\text{-W}$  type hexagonal ferrites using a partial  $2\text{Zn}^{2+} \rightarrow \text{Li}^+\text{Fe}^{3+}$  substitution: a new series of permanent magnets materials 99 (1991) 133
- Ramakrishnan, S., see V. Srinivas 104–107 (1992) 2121
- Ramakrishnan, S., see S. Radha 110 (1992) 103
- Ramamurthy Acharya B., see R. Krishnan 93 (1991) 257
- Raman, R., V.R.K. Murthy and B. Viswanathan, Magnetic loss studies on lithium zinc ferrites 102 (1991) 181
- Ramos, C.A., see H. Ohta 104–107 (1992) 1741
- Rancourt, D.G., see J.Y. Ping 103 (1992) 285
- Rao, K.V., see M. Jurczyk 94 (1991) L6
- Rao, K.V., see J. Nogués 99 (1991) 275
- Rao, K.V., see M. Jurczyk 104–107 (1992) 1193
- Rao, K.V., see H.U. Åström 104–107 (1992) 1507
- Rao, V., see S. Prakash Narayan 96 (1991) 137
- Raoux, D., see M. Maurer 93 (1991) 15
- Rapson, G., see S. Dakin 108 (1992) 117
- Rastelli, E., A. Tassi, G. Melegari and A. Pimpinelli, External magnetic field effect on helical configurations 104–107 (1992) 173
- Rastelli, E. and A. Tassi, Quantum gaps in Heisenberg helimagnets 104–107 (1992) 1035
- Rastelli, E., S. Sedazzari and A. Tassi, Long range order supported by non-linear effects on the ferro-helix phase boundary 104–107 (1992) 1069
- Rau, C., see K. Waters 93 (1991) 534
- Raufuszkiewicz, J., see J. Nowak 109 (1992) 79
- Ravet, M.F., see M. Maurer 93 (1991) 15
- Ravet, M.-F., see J.-F. Bobo 93 (1991) 452
- Ravindran, K. and J.E. Drumheller, AC magnetic susceptibility of  $\text{CuCl}_2 \cdot \text{DMSO}$ : a quasi 1D ferromagnet 104–107 (1992) 833
- Ray, A.E., see D. Givord 104–107 (1992) 1126
- Ray, A.K., see P. Blaha 104–107 (1992) 683
- Raydugin, Yu.G., V.E. Naish and E.A. Turov, On the magnetic structure of cupric oxide ( $\text{CuO}$ ) 102 (1991) 331
- Re, M.E., see B.C. Webb 104–107 (1992) 973
- Re, M.E., see M.A. Russak 104–107 (1992) 1851
- Rebelsky, L., see M.S. Torikachvili 104–107 (1992) 69
- Rebelsky, L., see K. Tajima 104–107 (1992) 177
- Rebizant, J., see A. Blaise 104–107 (1992) 33
- Rebizant, J., see K. Mattenberger 104–107 (1992) 43
- Rebouillat, J.P., see J.L. Martínez 93 (1991) 89
- Rebouillat, J.P., see O. Cugat 104–107 (1992) 397
- Rebouillat, J.P., see J.M. Alameda 104–107 (1992) 1813
- Rechenberg, H.R., see L.C.C.M. Nagamine 104–107 (1992) 1277
- Red'ko, S.V., see S.A. Nikitin 92 (1991) 397
- Red'ko, S.V., see S.A. Nikitin 96 (1991) 26
- Reehuis, M., see A.R. Ball 110 (1992) 343
- Regnault, L.P., see C. Bellitto 102 (1991) 116
- Regnault, L.P., J. Rossat-Mignod and J.P. Renard, Wave vector dependences of magnetic excitations in the  $S = 1$  one-dimensional antiferromagnet NENP 104–107 (1992) 869
- Regnault, L.P., see H. Tietze-Jaensch 104–107 (1992) 897
- Regnault, L.P., see J.L. Jacoud 108 (1992) 131
- Regueiro, M.D.N., see G. Ortiz 108 (1992) 179
- Reid, B.L., see C. Carboni 104–107 (1992) 1513
- Reim, W., see D. Weller 93 (1991) 183
- Reim, W., see H. Brändle 93 (1991) 207
- Reim, W., H. Brändle, D. Weller and J. Schoenes, Magneto-optical properties of spin-polarized palladium 93 (1991) 220
- Reinders, P.H.P., see U. Ahlheim 108 (1992) 213
- Reinders, P.H.P., see K. Fraas 108 (1992) 220
- Reisewitz, U., see M. Kemper 101 (1991) 299
- Reisser, R., M. Fähnle and H. Kronmüller, Magnetic phase transitions in  $\text{FeNiBSi}$  alloys 97 (1991) 83
- Reisser, R. and H. Kronmüller, Investigations of the magnetic properties of quasicrystalline  $\text{AlGeMn}$ . I. General magnetic properties 98 (1991) 261
- Reisser, R. and H. Kronmüller, Investigations of the magnetic properties of quasicrystalline  $\text{AlGeMn}$ . II. Critical phenomena 98 (1991) 273
- Reisser, R., M. Seeger, M. Fähnle and H. Kronmüller, Critical amplitudes for amorphous  $\text{Fe}_{90}\text{Zr}_{10}$  and  $\text{Fe}_{4.9}\text{-Ni}_{76.0}\text{-B}_{12.5}\text{Si}_{6.6}$  110 (1992) 32
- Reissner, M., see W.M. Xu 104–107 (1992) 2023
- Rekvelde, M.T. and F.F. van Zijl, Neutron depolarization theory in superconductors 104–107 (1992) 527
- Rekvelde, M.Th., see L. Dobrzyński 94 (1991) 153
- Rekvelde, M.Th. and R. Rosman, Simulation of magnostatics in random magnetic particle system 95 (1991) 221
- Rekvelde, M.Th., see R. Rosman 95 (1991) 319
- Rekvelde, M.Th., see R. Rosman 98 (1991) 104
- Rekvelde, M.Th., see P.J. van der Zaag 99 (1991) L1



- Rekvelde, M.Th., see M.T. Johnson 104–107 (1992) 421  
 Rekvelde, M.Th., see F.F. van Zijl 104–107 (1992) 535  
 Renard, D., see C. Chappert 93 (1991) 319  
 Renard, D., see P. Bruno 93 (1991) 605  
 Renard, J.P., see C. Chappert 93 (1991) 319  
 Renard, J.P., see P. Bruno 93 (1991) 605  
 Renard, J.P., see C. Bellitto 102 (1991) 116  
 Renard, J.P., see T. Takeuchi 104–107 (1992) 813  
 Renard, J.P., see M. Hagiwara 104–107 (1992) 839  
 Renard, J.P., see L.P. Regnault 104–107 (1992) 869  
 Renaudin, J., G. Ferey, M. Lahlou-Mimi, J.M. Greneche, Y. Mary and A. de Kozak, The magnetic properties of the frustrated bidimensional antiferromagnet CsBaFe<sub>3</sub>F<sub>12</sub> 92 (1991) 381  
 Resel, R., see E. Gratz 104–107 (1992) 1918  
 Ressler, L., see Th. Sinnemann 98 (1991) 99  
 Rettori, A., see P. Politi 104–107 (1992) 1707  
 Reyes, J., see F. Palacio 104–107 (1992) 2101  
 Reza, K.A., see D.R. Taylor 104–107 (1992) 213  
 Rezende, S.M., see E. Montarroyos 104–107 (1992) 149  
 Rezende, S.M., see F.C. Montenegro 104–107 (1992) 277  
 Rezende, S.M., see A. Azevedo 104–107 (1992) 1039  
 Rezende, S.M., see A. Azevedo 104–107 (1992) 1041  
 Rhyne, J.J., see S.C. Yu 97 (1991) 286  
 Rhyne, J.J., see J.R. Childress 104–107 (1992) 1585  
 Rhyne, J.J., see M.B. Salamon 104–107 (1992) 1729  
 Rhyne, J.J., see P. Kłowski 104–107 (1992) 1795  
 Rhyne, J.J., see F. Tsui 104–107 (1992) 1901  
 Rhyne, J.J., see R.S. Beach 104–107 (1992) 1915  
 Ribas, J., see A. Escuer 110 (1992) 181  
 Ricardo de Souza, J., see I.P. Fittipaldi 104–107 (1992) 279  
 Richter, H.J. and H. Hibst, Magnetic characterization of ME tapes: the angular remanence curve 95 (1991) 118  
 Richter, J., The frustrated Heisenberg antiferromagnet: collinear versus noncollinear magnetic ordering 104–107 (1992) 505  
 Richter, R., see J.G. Gay 93 (1991) 315  
 Ridwan, see K. Yamagata 104–107 (1992) 849  
 Ridwan, see M. Fujino 104–107 (1992) 851  
 Ried, K., H. Gerth, D. Köhler and H. Kronmüller, Phenomenological theory of the phase transition in uniaxial ferromagnetic materials 109 (1992) 275  
 Riedi, P.C., see H. Figiel 101 (1991) 401  
 Riedi, P.C., D. Fowler, R.G. Graham, J.S. Lord and B.M. Wanklyn, Pressure dependence of the electric field gradient at the <sup>63</sup>Cu nucleus of CuO in the paramagnetic and antiferromagnetic state 104–107 (1992) 503  
 Riedi, P.C., see R.G. Graham 104–107 (1992) 641  
 Riedi, P.C., see H. Figiel 104–107 (1992) 1198  
 Riedi, P.C., see M.B. Fontes 104–107 (1992) 1315  
 Riedi, P.C., see Y. Yamada 104–107 (1992) 1317  
 Riedi, P.C., see Cz. Kapusta 104–107 (1992) 1333  
 Riedi, P.C., see Y. Kasamatsu 104–107 (1992) 1413  
 Riedi, P.C., see J.G.M. Armitage 104–107 (1992) 1935  
 Rillo, C., see F.J. Lázaro 101 (1991) 372  
 Rillo, C., see F. Lera 104–107 (1992) 615  
 Rillo, C., see M. Artigas 104–107 (1992) 1993  
 Rillo, C., J. Bartolomé, M. Bacmann, B. Chenevier, D. Fruchart and R. Fruchart, Magnetic phase transitions in MnRhAs single crystal: an ac susceptibility study 104–107 (1992) 1995  
 Rillo, C., see O. Isnard 104–107 (1992) 2003  
 Riseman, T.M., see B.J. Sternlieb 104–107 (1992) 801  
 Ritter, C., see A. Del Moral 104–107 (1992) 243  
 Ritter, C., see M.R. Ibarra 104–107 (1992) 1373  
 Ritter, C., see S. Mondal 104–107 (1992) 1421  
 Ritter, C., S. Mondal, S.H. Kilcoyne, R. Cywinski and B.D. Rainford, The magnetic phase diagram of (Dy<sub>x</sub>Y<sub>1-x</sub>)Mn<sub>2</sub> alloys 104–107 (1992) 1427  
 Rivas, J., M.A. López-Quintela, R.J. Duro, G. Barault and J.M. Grenèche, Magnetic study of fine and ultrafine particles of amorphous Nd–Fe–B oxides 101 (1991) 403  
 Rivas, J., R.J. Duro, M. Gayoso, C. Rodriguez and S. Castro, Magnetization relaxation in barium hexaferrite powders obtained using the liquid mix technique 101 (1991) 405  
 Riveiro, J.M., J. Flores and M. Guisjarro, Hydrogen diffusion in metallic glasses studied by a magnetic method 104–107 (1992) 152  
 Riveiro, J.M., J. Flores and M.J. Bernal, Unidirectional magnetic anisotropy in the Co<sub>75</sub>B<sub>25</sub> metallic glass 104–107 (1992) 155  
 Riveiro, J.M., see M.J. Bernal 104–107 (1992) 1090  
 Rivero, G., see M. Vázquez 96 (1991) 321  
 Rivero, G., see A. Hernando 101 (1991) 6  
 Rivoire, M., G. Suran, H.J. de Wit and F.W.A. Dirne, Spin-wave resonance in Fe-amorphous FeCrB multilayered structures 93 (1991) 489  
 Rivoire, M., see G. Suran 104–107 (1992) 125  
 Robb, F., see J.S. Thorp 94 (1991) 119  
 Robinson, R.A., A.C. Lawson, K.H.J. Buschow, F.R. de Boer, V. Sechovsky and R.B. Von Dreele, Low temperature magnetic structures of UPdSn 98 (1991) 147  
 Robinson, R.A., see H. Maletta 104–107 (1992) 21  
 Roche, K.P., see B. Dieny 93 (1991) 101  
 Rochette, P., see G. Fillard 104–107 (1992) 1985  
 Röckelein, R., see R. Hübner 104–107 (1992) 965  
 Rödelberger, F., T. Weyrauch and H. Benner, Different types of intermit-

- tency observed in transverse-pumped spin-wave instabilities 104–107 (1992) 1075
- Rodewald, W., see H.M. Mayer 97 (1991) 210
- Rodewald, W. and B. Wall, Temperature stability and magnetizing behaviour of sintered Nd–Dy–Fe–Co–Mo–Al–B–magnets 101 (1991) 338
- Rodewald, W., see W. Fernengel 101 (1991) 343
- Rodewald, W., see K. Boockmann 101 (1991) 345
- Rodić, D., R. Tellgren and M. Guillot, The magnetic structure of  $\text{Tb}_{2.5}\text{Y}_{0.5}\text{Fe}_5\text{O}_{12}$  and the magnetic form factor influence of the  $\text{Fe}^{3+}$  ions 94 (1991) 260
- Rodmacq, B. and C.A. Dos Santos, Magnetic properties of ultrathin Ni layers in Ag/Ni superlattices 104–107 (1992) 1739
- Rodmacq, B. and C.A. dos Santos, Magnetic properties of ultrathin Ni layers in Ag/Ni superlattices 109 (1992) 298
- Rodríguez Fdez, J., see J.A. Blanco 104–107 (1992) 1285
- Rodríguez Fernández, J., see L. Fernández Barquín 101 (1991) 52
- Rodríguez Fernández, J., see L. Fernández Barquín 104–107 (1992) 97
- Rodríguez Fernández, J., see J.A. Blanco 108 (1992) 51
- Rodríguez, M., see P. Sánchez 104–107 (1992) 145
- Rodríguez-Carvajal, J., see J.L. García-Muñoz 104–107 (1992) 555
- Rodríguez-Carvajal, J., see J.L. García-Muñoz 104–107 (1992) 617
- Rodríguez-Carvajal, J., see J.G. Booth 104–107 (1992) 735
- Rodríguez-Carvajal, J., see J.A. Blanco 108 (1992) 51
- Rodríguez, M., see M.C. Contreras 93 (1991) 233
- Rodriquez, C., see J. Rivas 101 (1991) 405
- Rogge, R.B., see Z. Tun 104–107 (1992) 1045
- Rogl, P., see V. Sechovský 104–107 (1992) 11
- Rogl, P., see G. Schaudy 104–107 (1992) 477
- Röll, K., see T. Otto 101 (1991) 207
- Röll, K., see S. Kraegermann 101 (1991) 209
- Rolland, B., see J. Mouchot 101 (1991) 239
- Rollason, A.J., see C.C. Tang 103 (1992) 86
- Roman, A., The influence of the skin effect on the impedance for multidomain wall model 99 (1991) 91
- Ronconi, F., see E. Colombo 93 (1991) 597
- Ronconi, F., see D. Fiorani 104–107 (1992) 141
- Ronconi, F., see E. Colombo 104–107 (1992) 1857
- Ronconi, F., see O. Donzelli 104–107 (1992) 1859
- Rosenberg, M., see Th. Sinnemann 95 (1991) 175
- Rosenberg, M., see Th. Sinnemann 98 (1991) 99
- Rosenberg, M., see H. Figiel 104–107 (1992) 1198
- Rosenberg, M., see Cz. Kapusta 104–107 (1992) 1331
- Rosenberg, M., see Cz. Kapusta 104–107 (1992) 1333
- Rosenberg, M., see R.J. Zhou 109 (1992) 209
- Rosenson, A.E., see S.A. Vyzulin 101 (1991) 151
- Roshko, R.M. and W. Ruan, Thermomagnetic relaxation in a reentrant Mn ferromagnet close to the tricritical point 104–107 (1992) 1613
- Rosman, R., see M.Th. Rekveldt 95 (1991) 221
- Rosman, R. and M.Th. Rekveldt, Neutron depolarization in particulate media: A review of theory and experimental results 95 (1991) 319
- Rosman, R. and M.Th. Rekveldt, Ni containing solid Kr bubbles studied with neutron depolarization and small-angle neutron scattering 98 (1991) 104
- Rossat-Mignod, J., see J.A. Alonso 103 (1992) 179
- Rossat-Mignod, J., see A. Blaise 104–107 (1992) 33
- Rossat-Mignod, J., see K. Mattenberger 104–107 (1992) 43
- Rossat-Mignod, J., see J.X. Boucherle 104–107 (1992) 630
- Rossat-Mignod, J., see L.P. Regnault 104–107 (1992) 869
- Rossat-Mignod, J., see J.L. Jacoud 108 (1992) 131
- Rossat-Mignod, J., see P. Burlet 108 (1992) 202
- Rosseinsky, M.J., K. Prassides and C.A. Scott, Magnetic ordering and spin reorientation transitions in hole-doped  $\text{T}'$  phases  $\text{Nd}_{2-x}\text{Sr}_x\text{CuO}_{4-\delta}$ : a  $\mu^+$ SR study 104–107 (1992) 599
- Rossi, M., see R. Marcelli 104–107 (1992) 436
- Rossignol, M.F., see D. Givord 104–107 (1992) 1126
- Rossignol, M.F., see D. Givord 104–107 (1992) 1129
- Rossikhin, V.V., E.O. Voronkov and V.V. Kuzmenko, Magnetic properties of molecules with Gauss-type function depending on perturbation 104–107 (1992) 2127
- Roth, S., see R.R. Hesske 101 (1991) 55
- Roth, S., see R.R. Hesske 101 (1991) 57
- Rotter, M., see M. Zelený 98 (1991) 25
- Rouchon, C., see D. Gignoux 98 (1991) 333
- Rouco, A., F. Sandiumenge, B. Martinez, S. Gali, M. Tovar and X. Obradors, Dilution effects in the strongly frustrated system  $\text{Sr-Ga}_{12-x}\text{Cr}_x\text{O}_{19}$  104–107 (1992) 1645
- Roudat, E., see D. Gignoux 98 (1991) 333
- Roudaut, E., see P. Kotsanidis 102 (1991) 67
- Rouet, D., see J. Ostoréro 104–107 (1992) 425
- Rougier, P., see A.K. Nigam 102 (1991) 297
- Rousset, A., see Ph. Tailhades 104–107 (1992) 969
- Rousset, A., see Ch. Sarda 109 (1992) 127
- Routsis, C., J.K. Yakinthos and E. Gamari-Seale, Magnetic characteristics of some  $\text{RNiSn}$  ternary equiatomic alloys 98 (1991) 257
- Routsis, Ch., J.K. Yakinthos and E. Gamari-Seale, Magnetic properties of the equiatomic ternary  $\text{RTSn}$  compounds ( $\text{R}$  = rare earth,  $\text{T}$  = Pt, Rh) 110 (1992) 317
- Routsis, Ch.D., J.K. Yakinthos and E.

- Gamari-Seale, Unusual magnetic behavior in  $\text{TbCo}_3\text{Ga}_2$  and  $\text{ErCo}_3\text{Ga}_2$  compounds 102 (1991) 266
- Routsis, Ch.D., J.K. Yakinthos and E. Gamari-Seale, Magnetic properties of  $\text{RA}_3\text{Ga}_2$  compounds (R = rare earth, A = Co, Ni) 102 (1991) 275
- Rouvière, J.L., see M. Maurer 93 (1991) 15
- Roy, M., see P. Brahma 103 (1992) 174
- Roy, S.B., G.R. Stewart and B.R. Coles, Evolution of Kondo behaviour in  $(\text{Pr}_{1-x}\text{Ce}_x)\text{Cu}_6$ ;  $0 \leq x \leq 1$  97 (1991) 291
- Roy, S.B. and G.R. Stewart, Magnetic properties of  $\text{GdBe}_{13}$ : effects of U substitutions 99 (1991) 235
- Roy, S.B., see E. Lähderanta 104–107 (1992) 1605
- Roy, S.B. and B.R. Coles, Alloying effects in  $\text{XRu}_2\text{Si}_2$  (X = U, Ce, La) alloys 108 (1992) 43
- Roy, S.B., see N. Patrikios 108 (1992) 95
- Rozenberg, E.A., see K.B. Vlasov 94 (1991) 96
- Ruan, W., see R.M. Roshko 104–107 (1992) 1613
- Rubin, S.W., see M.J. Sablik 104–107 (1992) 392
- Rubinstein, B.Ya., see A.B. Borisov 110 (1992) 202
- Rubio, A., see A. Vega 104–107 (1992) 1687
- Rudashevsky, E.G., see A.M. Balbashov 104–107 (1992) 1037
- Rudd, J.M., see W.B. Muir 93 (1991) 229
- Rudd, J.M., see V. Kamberský 104–107 (1992) 2089
- Rudolf, P., F. Sette, L.H. Tjeng, G. Meigs and C.T. Chen, Magnetic moments in a gadolinium iron garnet studied by soft-X-ray magnetic circular dichroism 109 (1992) 109
- Rudolf, R., see L.H. Tjeng 109 (1992) 288
- Ruegg, S., see H. Ebert 93 (1991) 601
- Ruiz, J.M., see J. Tejada 101 (1991) 181
- Ruiz, J.M., see L.L. Balcells 109 (1992) L159
- Rusiecki, S., see P. Erhart 104–107 (1992) 487
- Russak, M.A., see B.C. Webb 104–107 (1992) 973
- Russak, M.A., C.V. Jahnes, E. Klockholm and B. Petek, Magnetic characterization of ion-beam sputter deposited permalloy thin films 104–107 (1992) 1847
- Russak, M.A., C.V. Jahnes, E. Klockholm, J.-W. Lee, M.E. Re and B.C. Webb, Magnetic and structural characterization of sputtered FeN multilayer films 104–107 (1992) 1851
- Ruuskanen, P. and P. Kettunen, Reversible component  $\Delta B_r$  of the stress-induced change in magnetization as a function of magnetic field strength and stress amplitude 98 (1991) 349
- Ryan, D.H., see H. Ma 104–107 (1992) 89
- Ryan, D.H., see X. Chen 109 (1992) 271
- Rys, F.S., see S. Cueto 104–107 (1992) 1096
- Rys, P., see S. Cueto 104–107 (1992) 1096
- Rytz, D., see G. Aepli 104–107 (1992) 507
- Sá, M.A., see J.B. Oliveira 104–107 (1992) 1152
- Saber, M., see M. Kerouad 92 (1990) 245
- Saber, M. and J.W. Tucker, The site-diluted spin-1 transverse Ising model 102 (1991) 287
- Sablik, M.J., see D.A. Kaminski 104–107 (1992) 382
- Sablik, M.J. and S.W. Rubin, Relationship of magnetostrictive hysteresis to the  $\Delta E$  effect 104–107 (1992) 392
- Sabolek, S., J. Horvat, E. Babić and K. Zadro, Reduction of loss in composite magnetic material (*Letter to the Editor*) 110 (1992) L25
- Sacchetti, F., see C. Petrillo 104–107 (1992) 2015
- Sacher, H., see H.-D. Schumann 101 (1991) 107
- Sadahiho, K., see M. Inoue 98 (1991) 60
- Sadikov, I.P., see P.A. Alekseev 110 (1992) 119
- Sáez-Puche, R., see M. Castro 104–107 (1992) 619
- Sáez-Puche, R., see R. Burriel 104–107 (1992) 627
- Safonov, V.L., Influence of the microwave cavity mode relaxation on the process of parametric magnons excitation (*Letter to the Editor*) 97 (1991) L1
- Safonov, V.L. and R.M. Farzetdinova, On a possibility of magnon pumping in crystals with two-level defects (*Letter to the Editor*) 98 (1991) L235
- Safonov, V.L., see H. Yamazaki 104–107 (1992) 1059
- Sagdatkireyeva, M.B., see Kh.Ya. Muilyukov 110 (1992) 73
- Sagredo, V., see L. Betancourt 101 (1991) 162
- Sai, T., see M. Goto 104–107 (1992) 1789
- Saito, M., see N. Hasegawa 103 (1992) 274
- Saito, T., N. Ohmura, K. Shinagawa and T. Tsushima, An experimental study of  $H$ - $T$  phase diagram for a random anisotropy magnet  $\text{a-Pr}_{16}\text{Fe}_{84}$  104–107 (1992) 163
- Saito, T., see K. Shinagawa 104–107 (1992) 443
- Saito, T., see K. Tamanoi 104–107 (1992) 445
- Saito, T., see T. Iida 104–107 (1992) 1363
- Saito, Y., see T. Kohara 104–107 (1992) 525
- Saitoh, M., see T. Miyadai 104–107 (1992) 1953
- Saitoh, T., see K. Yamada 104–107 (1992) 341
- Saje, B., J. Holc and S. Beseničar, The sequence of fracture processes in hydrogen-decrepitated  $\text{Nd}_{16-x}\text{Dy}_x\text{-Fe}_{76}\text{B}_8$  alloy 101 (1991) 357
- Saje, B., see S. Beseničar 104–107 (1992) 1175
- Sakakibara, T., see H. Amitsuka 104–107 (1992) 60
- Sakakibara, T., see K. Iki 108 (1992) 100
- Sakakibara, T., see Y. Miyako 108 (1992) 190
- Sakakibara, T., C. Sekine, H. Amitsuka and Y. Miyako, Coexistence of antiferromagnetism and metamagnetism in  $\text{Ce}(\text{Ru}_{1-x}\text{Rh}_x)_2\text{Si}_2$  108 (1992) 193



- Sakakima, H., K. Osano, K. Ihara and M. Satomi, Multilayered films of nitride alloys as magnetic head materials (*Invited paper*) 93 (1991) 349
- Sakamoto, I., see K. Satoh 104–107 (1992) 39
- Sakamoto, I., see K. Satoh 104–107 (1992) 1411
- Sakamoto, I., T. Miura, H. Sato, T. Miyamoto, I. Shiozaki, I. Oguro and S. Maruno, Fermi surface and magnetic properties of antiferromagnetic  $\text{SmGa}_2$  108 (1992) 125
- Sakuma, A., Self-consistent calculations for the electronic structures of iron nitrides,  $\text{Fe}_3\text{N}$ ,  $\text{Fe}_4\text{N}$  and  $\text{Fe}_{16}\text{N}_2$  102 (1991) 127
- Sakumoto, H., see K. Sueto 104–107 (1992) 979
- Sakurada, S., see M. Ohashi 104–107 (1992) 1383
- Sakurada, S., see T. Kaneko 104–107 (1992) 1401
- Sakurai, J., R. Kawamura, T. Taniguchi, S. Nishigori, S. Ikeda, H. Goshima, T. Suzuki and T. Fujita, Transition from antiferromagnetic Kondo metal to mixed valence semiconductor in  $\text{Ce}(\text{Pt}_{1-x}\text{Ni}_x)\text{Sn}$  104–107 (1992) 1415
- Sakurai, J., see T. Fujita 108 (1992) 35
- Sakurai, J., S. Nakatani, A. Adam and H. Fujiwara, Magnetoresistance of  $\text{RAgSn}$  (R: rare-earth metals) 108 (1992) 143
- Sakurai, T., see K. Hono 110 (1992) L254
- Sakurai, Y., see Y. Uwatoko 108 (1992) 105
- Salamon, M.B., see A. Del Moral 104–107 (1992) 243
- Salamon, M.B., R.S. Beach, J.A. Borchers, R.W. Erwin, C.P. Flynn, A. Matheny, J.J. Rhyne and F. Tsui, Magnetism of rare-earth/Y and rare-earth/Lu superlattices and films 104–107 (1992) 1729
- Salamon, M.B., see F. Tsui 104–107 (1992) 1901
- Salamon, M.B., see R.S. Beach 104–107 (1992) 1915
- Salas, F.H., see G.T. Pérez 93 (1991) 155
- Salas, F.H., see J.M. Alameda 93 (1991) 509
- Salas, F.H. and M. Mirabal-García, Splitting of the Hopkinson maximum by heat treatment in Gd foils 103 (1992) 231
- Salas, F.H., see J.M. Alameda 104–107 (1992) 1813
- Saldanha, R., see S. Pelissier 101 (1991) 335
- Saleh, A.S., R. Al-Jaber, A. Malkawi, S. Mahmood and I. Abu-Aljarayesh, Structural and magnetic studies of the alloy system  $\text{CuAl}_{1-x}\text{Fe}_x$  99 (1991) 152
- Salgueiro Silva, M., see R.P. Pinto 104–107 (1992) 1235
- Salinas-Sánchez, A., see M. Castro 104–107 (1992) 619
- Salinas-Sánchez, A., see R. Burriel 104–107 (1992) 627
- Salt, D.W., see J.R. Brown 104–107 (1992) 207
- Salter, I.W., see R. Atkinson 95 (1991) 35
- Salter, I.W., see R. Atkinson 102 (1991) 357
- Salter, I.W., see R. Atkinson 104–107 (1992) 1005
- Salter, I.W., see R. Atkinson 104–107 (1992) 1013
- Salz, W., see F. Schumacher 102 (1991) 314
- Salzborn, E., see K. Boockmann 101 (1991) 345
- Samaras, D., see J. Muller 102 (1991) 305
- Samarth, N., see P. Kłosowski 104–107 (1992) 1795
- Samokhvalov, A.A., see T.I. Arbutova 95 (1991) 168
- Sampaio, L.C. and S.F. da Cunha, Magnetic properties of the pseudo-binary intermetallic compounds:  $\text{Hf}(\text{Fe}_{1-x}\text{Al}_x)_2$  99 (1991) 145
- Sampathkumaran, E.V., see I. Das 104–107 (1992) 874
- Sampathkumaran, E.V., see I. Das 108 (1992) 82
- Sampathkumaran, E.V., I. Das, R. Vijayaraghavan, K. Hirota and M. Ishikawa, Heat-capacity behavior of the alloys  $\text{Pr}_{1-x}\text{Gd}_x\text{Cu}_2\text{Si}_2$  108 (1992) 85
- Sampathkumaran, E.V., see Y. Uwatoko 108 (1992) 105
- Samson, J.H., see K.S. Chana 104–107 (1992) 743
- San Juan, J., see I. Ibarondo 101 (1991) 83
- Sanchez, J.P., see J.A. Hodges 92 (1990) 201
- Sánchez, J.P., see M. Maurer 93 (1991) 15
- Sanchez, J.P., see A. Blaise 104–107 (1992) 33
- Sanchez, J.P., see K. Mattenberger 104–107 (1992) 43
- Sanchez, J.P., see P.C.M. Gubbens 104–107 (1992) 1269
- Sanchez, J.P., see B. Malaman 104–107 (1992) 1359
- Sanchez, J.P., K. Tomala and K. Łątka, Magnetic properties of  $\text{RIRSi}_3$  (R = Gd, Dy) from Mössbauer spectroscopy and magnetization measurements 99 (1991) 95
- Sanchez Ll., J.L., see O. Popov 99 (1991) 119
- Sanchez, M.C., see M. Maicas 104–107 (1992) 319
- Sánchez, M.C., see C. Morón 101 (1991) 59
- Sánchez, M.C., see P. Sánchez 104–107 (1992) 145
- Sánchez, P., see C. Morón 101 (1991) 59
- Sánchez, P., C. Dehesa, M. Rodríguez, E. López, M.C. Sánchez and C. Aroca, Influence of the anisotropy dispersion on magnetostriction measurements 104–107 (1992) 145
- Sanchez, P., see M. Maicas 104–107 (1992) 319
- Sanchez-Castro, C., see B.R. Cooper 108 (1992) 10
- Sanchez-Porras, G., see J. Lamazares 104–107 (1992) 997
- Sanders, I.L., see C. Schoenenberger 93 (1991) 123
- Sanders, I.L., see P.I. Mayo 95 (1991) 109
- Sandiumenge, F., see A. Rouco 104–107 (1992) 1645
- Sandonis, J., A. Pearce, J. Baruchel, K. Parlinski and S.B. Palmer, Temperature variation related movement of chirality domain walls in helimagnets 104–107 (1992) 345
- Sandonis, J., J. Baruchel, M. Schlenker and A. Pearce, The shape of the interface between the heli and ferromagnetic phases 104–107 (1992) 347
- Sandonis, J., J. Baruchel, B.K. Tanner, G. Fillion, V.V. Kvardakov and

- K.M. Podurets, Coupling between antiferro and ferromagnetic domains in hematite 104–107 (1992) 350
- Sandratskii, L.M., Theoretical analysis of the peculiarities of optical characteristics of rare earth metals 103 (1992) 204
- Sandratskii, L.M., see M. Uhl 103 (1992) 314
- Sandratskii, L.M., see J. Kübler 104–107 (1992) 695
- Sandratskii, L.M., Electronic structure and optical properties of RE metals with non-collinear magnetic structures 104–107 (1992) 1533
- Sanjinez, R., see S. Cueto 104–107 (1992) 1096
- Sankar, S.G., see Y. Shen 94 (1991) 57
- Sankar, S.G., see M.Q. Huang 102 (1991) 91
- Sankar, S.G., see H. Ido 104–107 (1992) 1361
- Sankaranarayanan, V.K. and N.S. Gajbhiye, Magnetization and magnetic resonance studies of ultrafine  $\text{Ho}_3\text{Fe}_5\text{O}_{12}$  and  $\text{Yb}_3\text{Fe}_5\text{O}_{12}$  92 (1990) 217
- Santos, A.D., see A.M. Severino 96 (1991) 167
- Sapiña, F., E. Coronado, D. Beltrán and R. Kuentzler, Thermal properties of the tetrahydrate series  $\text{M}'\text{-M}(\text{M}'\text{EDTA})_2 \cdot 4\text{H}_2\text{O}$   $\{\text{M}', \text{M}, \text{M}' = \text{Co(II)}, \text{Ni(II)}, \text{Zn(II)}\}$  104–107 (1992) 837
- Sarda, Ch., see Ph. Tailhades 104–107 (1992) 969
- Sarda, Ch., Ch. Bonino, P. Mollard and A. Rousset, Barium-doped iron oxide pigments for high-density magnetic recording. Thermal stability and magnetic properties 109 (1992) 127
- Sarkissian, B.V.B., A.K. Grover, R.G. Pillay, G. Balakrishnan, R. Kumar and P.N. Tandon, Magnetization and magneto-resistance study to elucidate the antiferro to ferro transition in  $\text{Ce}(\text{Fe}_{0.95}\text{Ru}_{0.05})_2$  104–107 (1992) 1271
- Sarmiento, E.F., I.P. Fittipaldi and T. Kaneyoshi, Phase diagrams of the spin-one transverse Ising model 104–107 (1992) 233
- Sarmiento, E.F., see T. Kaneyoshi 104–107 (1992) 249
- Sasaki, S., see K. Matsumoto 104–107 (1992) 451
- Sassik, H., see C. Polak 104–107 (1992) 100
- Sassik, H., see V. Petkov 109 (1992) 309
- Satija, I.I., see I. Aviram 98 (1991) 92
- Satija, S.K., see S.E. Nagler 104–107 (1992) 847
- Sato, H., see K. Shinagawa 104–107 (1992) 443
- Sato, H., see T. Fukuhara 104–107 (1992) 667
- Sato, H., see I. Sakamoto 108 (1992) 125
- Sato, K. and M. Hirai, Anomalous behavior of the magneto-circular photoluminescence lineshape of  $\text{R}_1$ -line in ruby ( $\text{Al}_2\text{O}_3 : \text{Cr}$ ) 104–107 (1992) 944
- Sato, K., see K. Maezawa 104–107 (1992) 1365
- Sato, K., Y. Isikawa and K. Mori, Magnetic specific heat of light rare earth Heusler compounds  $\text{RInCu}_2$ , ( $\text{R} = \text{La}, \text{Ce}, \text{Pr}, \text{Nd}$  and  $\text{Sm}$ ) 104–107 (1992) 1435
- Sato, K., Y. Aman and H. Hongu, VUV-reflectivity, magneto-optical spectra and band structure in single crystals of  $\text{Cr}_3\text{Te}_4$  104–107 (1992) 1947
- Sato, K., see Y. Isikawa 108 (1992) 157
- Sato, M., see T. Kamimura 104–107 (1992) 255
- Sato, M., T. Kamimura, T. Shinohara and T. Sato, NMR study of  $^{59}\text{Co}$  in  $(\text{Fe}_{1-x}\text{Co}_x)_7\text{S}_8$  104–107 (1992) 1961
- Sato, N., M. Kagawa, K. Tanaka, N. Takeda and T. Komatsubara, Magnetic properties of  $\text{UPtSi}_2$  104–107 (1992) 31
- Sato, N., M. Kagawa, K. Tanaka, N. Takeda, T. Satoh and T. Komatsubara, Magnetic properties of a mass-enhanced ferromagnet  $\text{U}_2\text{PtSi}_3$  108 (1992) 115
- Sato, T., T. Ando, T. Watanabe, S. Ito and Y. Endoh, Reentrant spin glass properties of  $\text{Ni}_{77}\text{Mn}_{23}$  studied by neutron depolarization analysis 104–107 (1992) 1625
- Sato, T., see M. Sato 104–107 (1992) 1961
- Sato Turtelli, R., see S.P. Cruz Filho 104–107 (1992) 105
- Satoh, K., S.W. Yun, I. Ukon, I. Umehara, Y. Ōnuki, H. Aoki, S. Uji, T. Shimizu, I. Sakamoto, M. Hunt, P. Meeson, P.-A. Probst and M. Springford, Heavy cyclotron mass in ferromagnetic substance  $\text{UGe}_2$  104–107 (1992) 39
- Satoh, K., see I. Umehara 104–107 (1992) 1407
- Satoh, K., I. Umehara, N. Nagai, Y. Ōnuki, I. Sakamoto, M. Hunt, P. Meeson, P.-A. Probst and M. Springford, Heavy cyclotron mass in  $\text{CeIn}_3$  104–107 (1992) 1411
- Satoh, T., see N. Sato 108 (1992) 115
- Satohira, S., see M. Kawakami 104–107 (1992) 1313
- Satomi, M., see H. Sakakima 93 (1991) 349
- Sattar, A.A., see A.A. Ghani 97 (1991) 141
- Satuła, D., see K. Szymański 99 (1991) 222
- Saurenbach, F., see P. Grünberg 93 (1991) 58
- Savage, H.T., see S. Vieira 110 (1992) 129
- Savchenkova, S.F., see S.A. Nikitin 96 (1991) 26
- Sawant, S.R., see R.S. Patil 102 (1991) 51
- Sawatzky, G.A., see T. Jo 104–107 (1992) 2087
- Sayagués, M.J., see B. Martínez 104–107 (1992) 941
- Sayanekar, P.L., see A.K. Nikumbh 97 (1991) 119
- Sayouri, S., see M. Nogues 104–107 (1992) 1641
- Sberveglieri, G., see C. Beatrice 93 (1991) 147
- Sberveglieri, G., see P. Allia 104–107 (1992) 1767
- Scafi, M., see C. Petrillo 104–107 (1992) 2015
- Schabes, M.E., Micromagnetic theory of non-uniform magnetization processes in magnetic recording particles 95 (1991) 249

- Schaefer, M., G. Dietzmann and H. Wirth, Magnetic losses in ferrites and nanocrystalline ribbons for power applications 101 (1991) 95
- Schaefer, M., see G. Dietzmann 110 (1992) 151
- Schaf, J., see P. Pureur 104–107 (1992) 1632
- Schäfer, W., see J.K. Yakinthos 102 (1991) 71
- Schäfer, W., see I. Yaar 104–107 (1992) 63
- Schank, C., see K. Fraas 108 (1992) 220
- Schatz, G., see J. Voigt 93 (1991) 341
- Schaudy, G., see V. Sechovský 104–107 (1992) 11
- Schaudy, G., T. Holubar, N. Pillmayr, G. Leitenbauer, G. Hilscher, P. Rogl and A. Hanninger, Heat capacity of  $(R_{1-x}Pr_x)Ba_2Cu_3O_7$  ( $R = Y, Gd$ ) 104–107 (1992) 477
- Schaudy, G., see T. Holubar 104–107 (1992) 479
- Schaudy, G., see E. Bauer 104–107 (1992) 651
- Schaudy, G., see N. Pillmayr 104–107 (1992) 881
- Scheer, E., J. Wosnitza, H. v. Löhneysen, R. Kürsch, M. Lang and F. Steglich, Critical exponents of EuTe from specific-heat and thermal-expansion measurements 104–107 (1992) 175
- Scheinfain, M.R., J. Unguris, M. Aeschlimann, D.T. Pierce and R.J. Celotta, Scanning Electron Microscopy with Polarization Analysis (SEMPA) – studies of domains, domain walls and magnetic singularities at surfaces and in thin films (*Invited paper*) 93 (1991) 109
- Schenck, A., see A. Kalk 102 (1991) 184
- Schenck, A., see H. Maletta 104–107 (1992) 495
- Schenck, A., A. Amato, P. Birrer, F.N. Gygax, B. Hitti, E. Lippelt, S. Barth, H.R. Ott and Z. Fisk, Discovery of novel magnetic features in the heavy-electron compound  $U_2Zn_{17}$  108 (1992) 97
- Schepis, R. and K. Schröder, Thermopower of thin iron films 104–107 (1992) 1757
- Schettini, C., see J. Albino Aguiar 104–107 (1992) 547
- Scheurer, F., see C. Boeglin 93 (1991) 31
- Scheurer, F., E. Beaurepaire, V. Schorsch, C. Boeglin, B. Carrière, O. Heckmann and J.P. Deville, Growth and electronic structure as studied by photoemission of Fe/Cr and Co/Cr interfaces 93 (1991) 150
- Schewe, H., see R. Hübner 104–107 (1992) 965
- Schilberg, M., see H. Litschke 104–107 (1992) 1807
- Schiller, A. and V. Zevin, Thermodynamics of the Anderson impurity with finite on-site Coulomb interaction 108 (1992) 196
- Schilling, J.S., see A.K. Gangopadhyay 103 (1992) 267
- Schins, A.G., A.F.M. Arts, H.W. de Wijn and M. Nielsen, Neutron scattering study of a two-dimensional ferromagnet with competing anisotropies 104–107 (1992) 931
- Schinz, H. and F. Schwabl, Ginzburg-Landau theory of inhomogeneous superconductor-ferromagnet structures 93 (1991) 303
- Schlager, H.G., see A. Schröder 108 (1992) 47
- Schlapp, M., see K. Boockmann 101 (1991) 345
- Schlenker, M., see J. Sandoñis 104–107 (1992) 347
- Schlottmann, P., see S. Rahman 97 (1991) 223
- Schmerber, G., see R. Kuentzler 104–107 (1992) 1976
- Schmerber, G., see J.G. Sereni 108 (1992) 183
- Schmerber, G., see J.P. Kappler 108 (1992) 185
- Schmid, B., B. Dorner, D. Visser and M. Steiner, Magnetic field and temperature dependent correlations in the singlet ground state system  $CsFeBr_3$  104–107 (1992) 771
- Schmidbauer, E. and H. Schneider, Magnetic properties of Fe-rich Ge-andalusites: spin-glass-type behaviour at low temperatures 96 (1991) 223
- Schmidbauer, E., K. Aggarwal and H. Schneider, Thermoremanent magnetization of Fe-Ge andalusite spin glass 109 (1992) 67
- Schmidt, G., see H.G. Jahnke 92 (1990) 271
- Schmidt, J.E., see R.L. Sommer 103 (1992) 25
- Schmidt, M., see W. Grünberger 101 (1991) 173
- Schmidt, W., see D. Sieger 104–107 (1992) 895
- Schmidt, W., C. Brotzeller, R. Geick, P. Schweiss and W. Treutmann, Magnon-phonon coupling in  $Fe_2SiO_4$  104–107 (1992) 1049
- Schmidt, W., Points of phase transitions in the magnetization curve of ferromagnetic bilayers with antiferromagnetic coupling 93 (1991) 418
- Schmidts, H.F. and H. Kronmüller, Size dependence of the nucleation field of rectangular ferromagnetic parallelepipeds 94 (1991) 220
- Schmidts, H.F., G. Martinek and H. Kronmüller, Recent progress in the interpretation of nucleation fields of hard magnetic particles 104–107 (1992) 1119
- Schmitt, D., see J.A. Blanco 97 (1991) 4
- Schmitt, D., see D. Gignoux 97 (1991) 15
- Schmitt, D., see D. Gignoux 98 (1991) 333
- Schmitt, D., see D. Gignoux 100 (1991) 99
- Schmitt, D., see D. Gignoux 102 (1991) 33
- Schmitt, D., see A.R. Ball 104–107 (1992) 170
- Schmitt, D., see E. Bauer 104–107 (1992) 651
- Schmitt, D., see P. Dalmás de Réotier 104–107 (1992) 1267
- Schmitt, D., see J.A. Blanco 104–107 (1992) 1273
- Schmitt, D., see J.A. Blanco 104–107 (1992) 1285
- Schmitt, D., see A. de Visser 108 (1992) 59



- Schmitt, D., see A.R. Ball 109 (1992) 185  
 Schmitt, D., see A.R. Ball 110 (1992) 337  
 Schmitt, D., see A.R. Ball 110 (1992) 343  
 Schmitt, H., O. Peña, A. Perrin, J. Padiou, M. Sergent, M. Torikachvili and J. Beille, Crystal growth and physical properties of europium-based quaternary Chevrel phases ( $\text{RE}_{1-x}\text{Eu}_x\text{Mo}_6\text{S}_8$ ; RE = Sm, Yb) 104–107 (1992) 1247  
 Schmitz, B., see M. Schröter 104–107 (1992) 747  
 Schneeweiss, O., see A. Sólyom 101 (1991) 109  
 Schneeweiss, O., T. Žák and Y. Jirásková, Magnetic properties of some high strained soft magnetic alloys 103 (1992) 250  
 Schneider, C.M., see J.J. De Miguel 93 (1991) 1  
 Schneider, C.M., see A. Cebollada 102 (1991) 25  
 Schneider, F., see J. Albino Aguiar 104–107 (1992) 547  
 Schneider, H., see E. Schmidbauer 96 (1991) 223  
 Schneider, H., see E. Schmidbauer 109 (1992) 67  
 Schneider, J., see A. Binner 101 (1991) 427  
 Schnitzke, K., see R.J. Zhou 109 (1992) 209  
 Schobinger-Papamantellos, P., K.H.J. Buschow and P. Fischer, Neutron diffraction study of magnetic ordering in the system  $\text{NdSi}_x$  ( $1.67 \leq x \leq 2.00$ ) 97 (1991) 53  
 Schobinger-Papamantellos, P., see P. Thuéry 109 (1992) 197  
 Schoenenberger, C., S.F. Alvarado, S.E. Lambert and I.L. Sanders, Magnetic force microscopy and its application to longitudinal thin films 93 (1991) 123  
 Schoenes, J., see H. Brändle 93 (1991) 207  
 Schoenes, J., see W. Reim 93 (1991) 220  
 Schoenes, J., F. Troisi, E. Brück and A.A. Menovsky, Electrical resistivity and Hall-effect study of  $\text{UNiAl}$  single crystals 108 (1992) 40  
 Scholl, R., see K. Elk 101 (1991) 387  
 Scholl, R., see L. Jahn 101 (1991) 389  
 Scholz, B., R.A. Brand, W. Keune, U. Kirschbaum, E.F. Wassermann, K. Mibu and T. Shinjo, Magnetic properties of Fe/Tb multilayered films studied by Mössbauer spectroscopy 93 (1991) 499  
 Scholz, B., see K. Sumiyama 96 (1991) 329  
 Scholz, B., R.A. Brand and W. Keune, Mössbauer studies of the magnetic spin texture in Fe/Tb multilayers 104–107 (1992) 1889  
 Schönhense, G., see J. Bansmann 104–107 (1992) 1691  
 Schönhense, G., see M. Getzlaff 104–107 (1992) 1781  
 Schönhuber, P. and H. Pfützner, Flux distribution analysis in a mitred transformer core corner 101 (1991) 86  
 Schorsch, V., see F. Scheurer 93 (1991) 150  
 Schram, P.P.J.M., see V.I. Kalikmanov 110 (1992) 91  
 Schreiber, R., see P. Grünberg 104–107 (1992) 1734  
 Schreiner, W.H., see J.C.P. De Oliveira 98 (1991) 239  
 Schrey, P. and M. Velicescu, Influence of Sn additions on the magnetic and microstructural properties of Nd–Dy–Fe–B magnets 101 (1991) 417  
 Schröder, A., see H. v. Löhneysen 108 (1992) 45  
 Schröder, A., H.G. Schlager and H.v. Löhneysen, Magnetization of  $\text{CeCu}_6$  at low temperatures 108 (1992) 47  
 Schröder, K., see R. Schepis 104–107 (1992) 1757  
 Schroeder, P.A., see D.H. Mosca 93 (1991) 480  
 Schroeder, P.A., see D.H. Mosca 94 (1991) L1  
 Schroeder, P.A., see A. Fert 104–107 (1992) 1712  
 Schroeder, P.A., see L. Piraux 110 (1992) L247  
 Schröter, M., B. Schmitz and P. Entel, Landau description for itinerant electron antiferromagnets 104–107 (1992) 747  
 Schubert, E., see A.K. Gangopadhyay 103 (1992) 267  
 Schultz, L., see M. Katter 92 (1990) L14  
 Schultz, L., see R.J. Zhou 109 (1992) 209  
 Schultz, L., see C. Koestler 110 (1992) 264  
 Schulze, M.P., see R.D. Greenough 101 (1991) 75  
 Schumacher, F., K.A. Hempel and W. Salz, Hysteresis of the microwave absorption loss of multidomain barium ferrite 102 (1991) 314  
 Schumann, H.-D., W. Tirschler, H. Sacher and U. Seelig, Ferromagnetic domain patterns of Ni and Fe polycrystals in the course of the magnetic hysteresis loop 101 (1991) 107  
 Schünemann, J.-W., H.-J. Kohnke and K. Bärner, Determination of carrier concentrations and mobilities in semi-metallic magnetic compounds 104–107 (1992) 923  
 Schünemann, J.-W., see D. Müller 110 (1992) 161  
 Schüppel, W., see R. Müller 101 (1991) 237  
 Schuster, P., see J.J. De Miguel 93 (1991) 1  
 Schuster, P., see A. Cebollada 102 (1991) 25  
 Schütz, G., see H. Ebert 93 (1991) 601  
 Schuurmans, M.F.H., see G.H.O. Daalderop 104–107 (1992) 737  
 Schwab, E., see P. Klingelhöfer 101 (1991) 248  
 Schwabl, F., see D. Schwenk 93 (1991) 80  
 Schwabl, F., see H. Schinz 93 (1991) 303  
 Schwabl, F., see T.M. Fischer 104–107 (1992) 201  
 Schwabl, F., see E. Frey 104–107 (1992) 204  
 Schwarz, K., see S. Matar 101 (1991) 251  
 Schwarz, K., see P. Blaha 104–107 (1992) 683  
 Schwarz, K., see P. Mohn 104–107 (1992) 685  
 Schweiss, P., see B. Gillon 104–107 (1992) 583  
 Schweiss, P., see D. Sieger 104–107 (1992) 895  
 Schweiss, P., see H. Tietze-Jaensch 104–107 (1992) 897  
 Schweiss, P., see W. Schmidt 104–107 (1992) 1049  
 Schweitzer, H. and G. Czyscholl, Transport properties of the periodic Anderson model in high dimensions 108 (1992) 150  
 Schweizer, J., see F. Dunstetter 96 (1991) 282

- Schweizer, J., see J.A. Alonso 103 (1992) 179
- Schweizer, J., see A. Del Moral 104–107 (1992) 243
- Schweizer, J., see J.X. Boucherle 104–107 (1992) 630
- Schweizer, J., see A. del Moral 104–107 (1992) 1051
- Schwenk, D., F. Fishman and F. Schwabl, Theory of ferromagnetic multilayers 93 (1991) 80
- Schwink, Ch., see A. Kalk 102 (1991) 184
- Scopa, L., see R. Marcelli 104–107 (1992) 436
- Scott, B., see T.E. Grigereit 104–107 (1992) 1981
- Scott, B.A., see F. Mehran 104–107 (1992) 637
- Scott, C.A., see L. Albanese 104–107 (1992) 509
- Scott, C.A., see M.J. Rosseinsky 104–107 (1992) 599
- Scruby, C.B., see D.H.L. Ng 104–107 (1992) 355
- Scruby, C.B., see A.D. Beale 104–107 (1992) 365
- Sechovsky, V., see R.A. Robinson 98 (1991) 147
- Sechovský, V. and L. Havela, Magnetism of light-actinide intermetallics 104–107 (1992) 7
- Sechovský, V., L. Havela, G. Schaudy, G. Hilscher, N. Pillmayr, P. Rogl and P. Fischer, Magnetism and specific heat of  $\text{UIrGa}_5$  and  $\text{UPdGa}_5$  104–107 (1992) 11
- Sechovský, V., see E. Brück 104–107 (1992) 17
- Sechovský, V., see L. Jirman 104–107 (1992) 19
- Sechovský, V., see H. Maletta 104–107 (1992) 21
- Sechovský, V., see L. Havela 104–107 (1992) 23
- Seidazzari, S., see E. Rastelli 104–107 (1992) 1069
- Sedláč, B., see D. Brož 102 (1991) 103
- Seeger, M., see R. Reisser 110 (1992) 32
- Seeger, M., see J.M. González 101 (1991) 397
- Seelig, U., see H.-D. Schumann 101 (1991) 107
- Segawa, K., A. Tomita, K. Iwashita, M. Kasaya, T. Suzuki and S. Kunii, Electronic and magnetic properties of heavy rare-earth hexaboride single crystals 104–107 (1992) 1233
- Segnan, R. and A. Deriu, Hyperfine field studies in Laves phase intermetallic compounds 104–107 (1992) 1399
- Ségransan, P., see W.G. Clark 104–107 (1992) 589
- Segre, A.L., see D. Ajò 104–107 (1992) 1997
- Seidel, A., see L. Häggström 97 (1991) 251
- Seidel, A., see L. Häggström 98 (1991) 37
- Seidel, A., K. Gunnarsson, L. Häggström, P. Svedlindh, H. Aruga Katori and A. Ito, The reentrant Ising spin-glass  $\text{Fe}_{0.62}\text{Mn}_{0.38}\text{TiO}_3$  studied with the Mössbauer technique 104–107 (1992) 1599
- Seidel, B., see S. Horn 108 (1992) 205
- Seidel, B., see C. Geibel 108 (1992) 207
- Seidel, B., see C. Geibel 108 (1992) 209
- Seiden, J., see C. Chappert 93 (1991) 319
- Seiden, J., see P. Bruno 93 (1991) 605
- Seino, M. and S. Katsura, The free energy of the Ising spin glass on the Bethe lattice 104–107 (1992) 1661
- Sekine, C., see K. Iki 108 (1992) 100
- Sekine, C., see T. Sakakibara 108 (1992) 193
- Sekizawa, K., Y. Takano and K. Yamamoto, Paramagnetic properties of rare earth ions in  $\text{La}_{1-x}\text{Nd}_x\text{Ba}_2\text{Cu}_3\text{O}_y$  and  $\text{Y}_{1-x}\text{R}_x\text{Ba}_2\text{Cu}_3\text{O}_y$  ( $\text{R} = \text{Gd}$  and  $\text{Ho}$ ) 104–107 (1992) 545
- Sekizawa, K., see Y. Takano 104–107 (1992) 1367
- Selin, G.N., see E.I. Il'Yashenko 93 (1991) 143
- Sella, C., see R. Krishnan 93 (1991) 174
- Sella, C., see R. Zuberek 101 (1991) 219
- Sella, C., see R. Krishnan 104–107 (1992) 1822
- Sellmyer, D.J., see K.D. Aylesworth 98 (1991) 65
- Sellmyer, D.J., see Y.Z. Wang 104–107 (1992) 1132
- Sellmyer, D.J., see Z.S. Shan 109 (1992) 353
- Selme, M.O. and P. Pecheur, Electronic structure of hexagonal iron layers 93 (1991) 285
- Selme, M.O. and P. Pecheur, Electronic structure and magnetism of hexagonal iron layers 109 (1992) 39
- Semitelou, I., see P. Kotsanidis 102 (1991) 67
- Senda, K., see A. Yamagishi 108 (1992) 211
- Senning, B., see A.I. Smirnov 92 (1990) 116
- Senning, B., see P. Erhart 104–107 (1992) 487
- Senoussi, S., see S. Hadjoudj 93 (1991) 136
- Sens, M.A., see C.O. Lopes 94 (1991) 53
- Seqqat, M., see M. Nogues 104–107 (1992) 1643
- Serbanescu, M.D., see V. Florescu 92 (1990) 137
- Sereni, J.G., see G.L.F. Fraga 102 (1991) 199
- Sereni, J.G., see P. Pureur 104–107 (1992) 1632
- Sereni, J.G., O. Trovarelli, G. Schmerber and J.P. Kappler, Coexistence of magnetic order and heavy fermion behavior in  $\text{Ce}_7\text{X}_3$  108 (1992) 183
- Sereni, J.G., see J.P. Kappler 108 (1992) 185
- Sereni, J.G. and J.P. Kappler, Magnetic and thermal properties of  $\text{CeCu}$  109 (1992) 349
- Serfözö, G., see A. Slawska-Waniewska 93 (1991) 169
- Sergeev, V.V., see S. Szymura 94 (1991) 113
- Sergeev, V.V., see H. Bala 103 (1992) 58
- Sergeant, M., see H. Schmitt 104–107 (1992) 1247
- Sessoli, R., see D. Gatteschi 104–107 (1992) 2092
- Sette, F., see P. Rudolf 109 (1992) 109
- Sette, F., see L.H. Tjeng 109 (1992) 288
- Severin, L., B. Johansson and M.S.S. Brooks, Mechanisms for itinerant magnetism in intermetallic compounds 104–107 (1992) 745
- Severin, L., see M.S.S. Brooks 104–107 (1992) 1381
- Severin, L., see M.S.S. Brooks 104–107 (1992) 1496
- Severing, A., see B.D. Rainford 108 (1992) 119
- Severino, A.M., A.D. Santos and F.P. Missell, Changes in induced anisotropy and magnetostriction in Co-based amorphous alloys 96 (1991) 167

- Severino, A.M., C. Gómez-Polo, P. Marín and M. Vázquez, Influence of the sample length on the switching process of magnetostrictive amorphous wire 103 (1992) 117
- Seyoum, H.M., see L.H. Bennett 104–107 (1992) 539
- Shackleton, C., see J.A.C. Bland 93 (1991) 513
- Shah, N., see S. Rahman 97 (1991) 223
- Shaikh, S.J., see E.M. Forgan 104–107 (1992) 1521
- Shamsutdinov, M.A., see S.S. Karneeva 110 (1992) 327
- Shan, Z.S. and D.J. Sellmyer, Behavior of the uniaxial anisotropy of ferri-magnets near the compensation point 109 (1992) 353
- Sharma, N., see A.K. Nigam 102 (1991) 297
- Shatskii, P.P., see D.A. Yablonskii 99 (1991) 261
- Sheh, S.A., see S.A. Vyzulin 101 (1991) 151
- Shelton, R.N., see T.W. Clinton 104–107 (1992) 625
- Shen, B.-g., L.-y. Yang, H.-q. Guo, J.-x. Zhang and J.-g. Zhao, Magnetic hardening of rapidly quenched  $\text{Co}_{100-x}\text{Zr}_x$  alloys (*Letter to the Editor*) 92 (1990) L30
- Shen, B.-g., J. Ding, B.-x. Gu, Z.-y. Zhang, H. Homburg, J.-g. Zhao and S. Methfessel, Magnetic properties of rapidly quenched  $(\text{Nd}_2\text{Fe}_{14}\text{B})_{1-x}(\text{Nd}_{1.1}\text{Fe}_4\text{B}_4)_x$  alloys 92 (1990) 53
- Shen, B.-g., L.-y. Yang, J.-x. Zhang, F. Wo, T.-s. Ning, J.-g. Zhao, H.-q. Guo and W.-s. Zhan, Magnetic properties of amorphous  $(\text{Fe}_{1-x}\text{Co}_x)_{77.5}\text{Nd}_4\text{B}_{18.5}$  alloys and the effects of heat treatment on its hard magnetic properties 96 (1991) 335
- Shen, B.G., see B.X. Gu 97 (1991) 40
- Shen, B.-g., see H.-q. Guo 99 (1991) 199
- Shen, B.-G., L.-Y. Yang, J.-Z. Liang, J.-X. Zhang and F.-M. Yang, Mössbauer spectra and magnetic properties of amorphous  $(\text{Fe}_{1-x}\text{Co}_x)_{77.5}\text{Nd}_4\text{B}_{18.5}$  alloys 104–107 (1992) 1088
- Shen, B.-G., see F.-M. Yang 104–107 (1992) 1102
- Shen, B.-G., see L.-Y. Yang 104–107 (1992) 1191
- Shen, B.-G., L.-Y. Yang, L. Cao, H.-Y. Yang, J.-G. Zhao and F.-M. Yang, Magnetic properties of metastable  $\text{R}_2\text{Fe}_{23}\text{B}_3$  compounds with  $\text{R} = \text{Ce}$ ,  $\text{Pr}$  and  $\text{Nd}$  104–107 (1992) 1281
- Shen, B.-G., L.-Y. Yang, H.-Q. Guo and F.-M. Yang, Magnetic properties and crystallization behavior of amorphous  $\text{Fe}_{93-x}\text{B}_x\text{Nd}_7$  alloys 104–107 (1992) 2021
- Shen, J., see Z. Hu 104–107 (1992) 1583
- Shen, Q.Y., see L. Bang 104–107 (1992) 147
- Shen, Y., D.E. Laughlin, E.M.T. Velu and S.G. Sankar, Microstructural studies of  $\text{PrCo}_5$  magnets 94 (1991) 57
- Sheng, Q.G., see B.R. Cooper 108 (1992) 10
- Shevchenko, A.B., see V.L. Dorman 94 (1991) 293
- Shibata, K., see G. Oomi 104–107 (1992) 2075
- Shibuya, I., see K. Yamagata 104–107 (1992) 849
- Shibuya, I., see M. Fujino 104–107 (1992) 851
- Shields, P.J., K.D. Ball and P.E. Wigen, Temperature dependence of auto-oscillations in YIG films 104–107 (1992) 1043
- Shiga, M., see K. Sumiyama 102 (1991) 56
- Shiga, M., see H. Wada 104–107 (1992) 691
- Shiga, M., see H. Wada 104–107 (1992) 693
- Shiga, M., see S. Endo 104–107 (1992) 1441
- Shiga, M., see H. Yoshie 104–107 (1992) 1449
- Shiga, M., see H. Wada 104–107 (1992) 1925
- Shigeoka, T., see N. Iwata 99 (1991) 209
- Shigeoka, T., see N. Iwata 104–107 (1992) 27
- Shigeoka, T., see K. Takeda 104–107 (1992) 901
- Shigeoka, T., see T. Ikeda 104–107 (1992) 1221
- Shigeoka, T., N. Iwata and H. Fujii, Giant magnetic anisotropy in  $\text{Pr-Ru}_2\text{Si}_2$  104–107 (1992) 1229
- Shigeoka, T., see H. Nojiri 104–107 (1992) 1311
- Shih, W.C., see R.J. Highmore 104–107 (1992) 1779
- Shimada, Y., see A. Yoshihara 104–107 (1992) 1835
- Shimao, M., see T. Minowa 97 (1991) 107
- Shimatsu, T., see M. Takahashi 101 (1991) 11
- Shimazaki, K., S. Ohnuki, H. Fujiwara and N. Ohta, Exchange coupling effect of in-plane magnetized layer capped on  $\text{TbFeCo}$  104–107 (1992) 1017
- Shimchak, R., see S.S. Karneeva 110 (1992) 327
- Shimizu, M., see H. Yamada 104–107 (1992) 1963
- Shimizu, N., see M. Kitada 98 (1991) 215
- Shimizu, T., see S. Takayama 94 (1991) 357
- Shimizu, T., see K. Satoh 104–107 (1992) 39
- Shimizu, T., see T. Matsumoto 104–107 (1992) 647
- Shinagawa, K., see T. Saito 104–107 (1992) 163
- Shinagawa, K., H. Sato, T. Saito and T. Tsushima, Charge transfer transitions in yttrium iron garnet 104–107 (1992) 443
- Shinagawa, K., see K. Tamanoi 104–107 (1992) 445
- Shinagawa, K., see T. Iida 104–107 (1992) 1363
- Shinjo, T., N. Nakayma, I. Moritani, H. Dohnomae and S. Sugiyama, Structural and magnetic properties of  $3\text{d}/\text{Sb}$  multilayers 93 (1991) 35
- Shinjo, T., see H. Dohnomae 93 (1991) 477
- Shinjo, T., see W. Kiauka 93 (1991) 494
- Shinjo, T., see B. Scholz 93 (1991) 499
- Shinjo, T., see H. Yamamoto 99 (1991) 243
- Shinogi, A., see K. Ooiwa 104–107 (1992) 2011
- Shinogi, A., see K. Endo 104–107 (1992) 2013
- Shinohara, T., see Y. Amako 104–107 (1992) 1451
- Shinohara, T., see M. Sato 104–107 (1992) 1961
- Shiozaki, I., see I. Sakamoto 108 (1992) 125
- Shipilov, A.V., see V.A. Tulin 93 (1991) 271
- Shirai, M., see K. Motizuki 104–107 (1992) 1923



- Shiraishi, H., T. Hori and Y. Yamaguchi, Magnetic properties of pseudo-binary  $\text{GaCo}_{1-x}\text{Cr}_x$  and  $\text{Al-Co}_{1-x}\text{M}_x$  ( $\text{M} = \text{Fe}, \text{Mn}$ ) systems 104–107 (1992) 2040
- Shiraishi, H., see T. Hori 104–107 (1992) 2043
- Shirane, G., see Y. Yamaguchi 103 (1992) 50
- Shirane, G., see K. Tajima 104–107 (1992) 177
- Shringi, S.N., see S. Prasad 92 (1990) 92
- Shringi, S.N., see A.K. Nigam 102 (1991) 297
- Shull, R.D., see L.H. Bennett 104–107 (1992) 1094
- Shuravlev, A.F., see D.I. Sirota 110 (1992) 221
- Shyu, J.P., see C.-R. Chang 104–107 (1992) 1543
- Siberchicot, B. and S. Matar, Lattice spacing dependence of the magnetization of the nitride  $\text{Mn}_4\text{N}$  101 (1991) 419
- Siberchicot, B., see M. Pénicaud 103 (1992) 212
- Siberchicot, B., see S.F. Matar 104–107 (1992) 1553
- Sieger, D., W. Schmidt, H. Tietze-Jaensch, R. Geick, P. Schweiss, W. Treutmann and H. Godfrin, Temperature dependent disorder phenomena in  $\text{Rb}_2\text{Mn}_{0.2}\text{Cr}_{0.8}\text{Cl}_4$  104–107 (1992) 895
- Sieger, D., see H. Tietze-Jaensch 104–107 (1992) 897
- Siegmann, H.C., see F. Meier 93 (1991) 523
- Siemko, A., see A. Ślowska-Waniewska 93 (1991) 169
- Siemko, A., H.K. Lachowicz and A. Ślowska-Waniewska, Stress-anneal-induced anisotropy in metallic glasses 101 (1991) 16
- Siemko, A., see A. Ślowska-Waniewska 101 (1991) 40
- Siemko, A., see A. Ślowska-Waniewska 104–107 (1992) 119
- Sierro, J., see P. Bonville 97 (1991) 178
- Sierro, J., see R. Cibir 108 (1992) 107
- Sievert, J., see A. Wulfes 104–107 (1992) 2069
- Sigayev, A.N., see A.V. Anshakov 101 (1991) 157
- Signore, P.J.C., see E.A. Knetsch 108 (1992) 71
- Signore, P.J.C., see E.A. Knetsch 108 (1992) 73
- Silant'ev, V.I., see I.L. Gabelko 94 (1991) 287
- Silin, V.P., V.M. Zverev, M. Thon and D. Wagner, The role of spin and phonon fluctuations in Fe–Ni Invar alloys 104–107 (1992) 701
- Silvestre, P., see B.A. Lombos 93 (1991) 391
- Simon, A., see R.K. Kremer 104–107 (1992) 959
- Simon, A., see W. Bauhofer 104–107 (1992) 1243
- Simons, B.D., see J.M.F. Gunn 104–107 (1992) 465
- Simopoulos, A., see M. Pissas 104–107 (1992) 571
- Šimša, Z., L. Štichauer, J. Koláček, A.J. Pointon and C. Turner, Faraday rotation in  $\text{BaFe}_{11}\text{Co}_{0.5}\text{Ti}_{0.5}\text{O}_{19}$  101 (1991) 233
- Šimša, Z., J. Koláček, J. Šimšová, P. Görnert, K. Fischer and R. Gerber, Faraday rotation in cobalt- and titanium-substituted barium hexaferrites 104–107 (1992) 403
- Šimša, Z., see Y. Kawai 104–107 (1992) 407
- Šimša, Z., see H. Štěpánková 104–107 (1992) 411
- Šimša, Z., see R. Atkinson 104–107 (1992) 1005
- Šimšová, J., R. Gemperle and J.C. Lodder, The use of colloid-SEM method for domain observation in CoCr films 95 (1991) 85
- Šimšová, J., V. Kamberský, R. Gemperle, J.C. Lodder, W.J.M.A. Geerts, B. Otten and P. ten Berge, Domain structure of Co–Cr films on minor loops 101 (1991) 196
- Šimšová, J., see Z. Šimša 104–107 (1992) 403
- Sinković, B., D.J. Friedman and C.S. Fadley, Theory of spin polarized photoelectron diffraction 92 (1991) 301
- Sinnecker, J.P., see S.P. Cruz Filho 104–107 (1992) 105
- Sinnema, S., see R. Verhoef 104–107 (1992) 1325
- Sinnemann, Th., M. Mittag, M. Rosenberg, A. Ehmman, T. Fries, G. Mayer-von Kürthy and S. Kemmler-Sack, Antiferromagnetism of the new non-superconducting 2201 stacking polytype  $\text{BiPbSr}_2\text{Fe}_{1-x}\text{M}_x\text{O}_{6+z}$  with  $\text{M} = \text{Co}, \text{Ni}$  and Morin-like spin-flop-transition in  $\text{BiPbSr}_2\text{FeO}_{6+z}$  95 (1991) 175
- Sinnemann, Th., L. Ressler, M. Rosenberg, T. Fries, A. Ehmman and S. Kemmler-Sack, Mössbauer spectroscopy study of  $(\text{Bi,Pb})_2\text{Sr}_2\text{Bi}_{n-1}\text{Fe}_n\text{O}_{3n+3+z}$  stacking polytypes with  $n = 2, 3, 4$  98 (1991) 99
- Sipahi, L.B. and D.C. Jiles, Investigation of the frequency dependence of Barkhausen emissions for measuring the depth dependence of magnetic properties 104–107 (1992) 385
- Siratori, K., see E. Kita 104–107 (1992) 449
- Sirota, D.I. and A.F. Shuravlev, Thermal self-focusing of the acoustic beam in the ferromagnet near the temperature of the orientational phase transition 110 (1992) 221
- Sivertsen, J.M., see T. Yeh 104–107 (1992) 1879
- Sjöström, J. and T. Jarlborg, Band structures and magnetic properties in the iron phosphide compounds  $\text{FeMnP}$ ,  $\text{FeCrP}$  and  $\text{FeVP}$  98 (1991) 85
- Skanthakumar, S., J.W. Lynn, J.L. Peng and Z.Y. Li, Magnetic order of Cu in  $\text{Nd}_{2-x}\text{Ce}_x\text{CuO}_4$  104–107 (1992) 519
- Skjeltorp, A.T., see G. Helgesen 97 (1991) 25
- Škorvánek, I. and M. Miglierini, The effects of short range order changes on hyperfine field distribution and Curie temperature of amorphous  $\text{Fe}_{30}\text{Ni}_{36}\text{Cr}_{12}\text{Mo}_2\text{B}_{15}\text{Si}_5$  96 (1991) 162
- Škorvánek, I., see A. Sólyom 101 (1991) 109

- Škorvánek, I., The domain wall fixing effects induced by small dc field annealing in  $\text{Fe}_{40}\text{Ni}_{40}\text{B}_{20}$  metallic glasses 104–107 (1992) 333
- Skrzypek, D., The effect of impurities  $\text{Fe}^{2+}$ ,  $\text{Co}^{2+}$ ,  $\text{Ni}^{2+}$  on antiferromagnetic resonance in  $\text{KMnF}_3$  102 (1991) 175
- Sláma, J., A. Grusková, E. Ušák and V. Jančárik, Supplementary domains variation in stack of sheets 101 (1991) 102
- Sláma, J., see A. Grusková 101 (1991) 227
- Slawska-Waniewska, A., A. Siemko and G. Serfözö, Surface investigations of implanted amorphous ribbons 93 (1991) 169
- Ślawska-Waniewska, A., see A. Siemko 101 (1991) 16
- Slawska-Waniewska, A., A. Siemko, J. Fink-Finowicki, L. Załuski and H.K. Lachowicz, Some aspects of simultaneous stress- and field-annealing of metallic glasses 101 (1991) 40
- Ślawska-Waniewska, A., A. Siemko and H.K. Lachowicz, Stress-field-anneal-induced anisotropy in metallic glasses 104–107 (1992) 119
- Slepownski, M., see R. Szymczak 104–107 (1992) 321
- Sluckin, T.J., see D.R. Denholm 104–107 (1992) 103
- Smardz, L., see P. Stefański 104–107 (1992) 1227
- Smardz, L., see J. Barnaś 104–107 (1992) 1865
- Smardz, L., B. Szymański, J. Barnaś and J. Baszyński, Structure and magnetic anisotropy of Pd/Ni and Cu/M (M = Fe, Co, Ni) superlattices 104–107 (1992) 1885
- Smirnov, A.I., P. Erhart, B. Senning and F. Waldner, Parametric spin wave testing by observation of transition processes 92 (1990) 116
- Smirnov, V.B., see S.O. Demokritov 102 (1991) 339
- Smirnov, V.B., see S.O. Demokritov 104–107 (1992) 663
- Smit, P., see G.L. High 104–107 (1992) 2029
- Smith, J.L., see A. de Visser 108 (1992) 56
- Smith, J.L., see E.A. Knettsch 108 (1992) 73
- Smith, M., see H. Oesterreicher 104–107 (1992) 497
- Smolyak, I.B., see T.I. Arbutova 95 (1991) 168
- Snegirev, V.V., see I.L. Gabelko 94 (1991) 287
- Snel, C.E., see S.A.M. Mentink 104–107 (1992) 15
- Snel, C.E., see P.C.M. Gubbens 104–107 (1992) 1269
- Snigirev, O.V., A.M. Tishin and A.V. Volkozub, Study of magnetic properties of single crystal holmium in weak magnetic fields 94 (1991) 342
- Sobolev, V.L., see V.L. Dorman 94 (1991) 293
- Sobolev, V.L., see I.M. Vitebskii 97 (1991) 263
- Sobue, E., see M. Jimbo 104–107 (1992) 1829
- Socher, W., see A. Burgstaller 109 (1992) 117
- Söderlind, P., B. Johansson and O. Eriksson, Spin and orbital magnetism in Fe–Co and Co–Ni alloys 104–107 (1992) 2037
- Soinski, M., E. Hobson and A. Baghurst, Chemically bonded amorphous ribbons for stacked-cores 101 (1991) 62
- Sólyom, A., A. Zentko, O. Schneeweiss, G. Konczos, I. Škorvánek and P. Marko, FeSi microcrystalline alloys prepared by single and double roller methods 101 (1991) 109
- Solzi, M., see P.A. Algarabel 101 (1991) 111
- Solzi, M., see G. Marusi 101 (1991) 333
- Somekh, R.E., see R.J. Highmore 104–107 (1992) 1777
- Somekh, R.E., see R.J. Highmore 104–107 (1992) 1779
- Sommer, R.L. and A.A. Gomes, Stochastic wall motion and reservoir dynamics 97 (1991) 305
- Sommer, R.L., J.E. Schmidt and A.A. Gomes, Magnetic noise in the reentrant system  $\text{Ni}_{1-x}\text{Mn}_x$  103 (1992) 25
- Sommers, C.B., see M. Pénicaud 103 (1992) 212
- Sondermann, U., see A.F. Andresen 94 (1991) 347
- Song, K. and M. Naoe, Magneto-optical characteristic of Tb–Fe–Co/Al multilayered films on layer thickness 104–107 (1992) 1855
- Song-Quan, J., see P.C.M. Gubbens 104–107 (1992) 1269
- Sorensen, C.M., see L. Yiping 104–107 (1992) 1545
- Sosphenov, A.N., see P. Novák 101 (1991) 155
- Soubeyroux, J.L., see C. Payen 104–107 (1992) 797
- Soubeyroux, J.L., see N. Fanjat 104–107 (1992) 933
- Soubeyroux, J.L., see J. Pierre 104–107 (1992) 1207
- Soubeyroux, J.L., see O. Isnard 104–107 (1992) 2003
- Soubeyroux, J.L., see A. le Lirzin 109 (1992) 47
- Souche, Y., see O. Cugat 104–107 (1992) 397
- Sougi, M., see R. Plumier 104–107 (1992) 899
- Soukoulis, C.M., see K.N. Trohidou 104–107 (1992) 1587
- Sousa, J.B., see R.P. Pinto 104–107 (1992) 1235
- Sousa, J.B., see V.S. Amaral 104–107 (1992) 2079
- Sovák, P., M. Konč, P. Kollár, F. Gamčík and T. Fabová, Influence of Cr concentration on the structure and the magnetic properties of  $\text{Co}_{1-x}\text{Cr}_x$  thin films 98 (1991) 205
- Sowers, C.H., see M.J. Conover 102 (1991) L5
- Sowers, C.H., see M.E. Brubaker 103 (1992) L7
- Spada, F.E., see R.H. Victora 97 (1991) 343
- Spalek, J. and W. Wójcik, Microscopic approach to the Mott–Hubbard localization 104–107 (1992) 723
- Spano, M.L., H.D. Lynn and M. Wun-Fogle, Basal plane magnetostriction and anisotropy of  $(\text{Tb}_{0.5}\text{Dy}_{0.5})_x\text{Gd}_{100-x}$  single crystals 104–107 (1992) 1537
- Sparn, G., see F. Steglich 108 (1992) 5
- Sparvieri, N., see R. Marcelli 104–107 (1992) 436
- Speliotis, D.E., The future of particulate rigid disks 95 (1991) 313
- Speriosu, V.S., see B. Dieny 93 (1991) 101
- Spichkin, Yu.I., see S.A. Nikitin 92 (1991) 397

- Spichkin, Yu.I., see S.A. Nikitin 96 (1991) 26
- Spirgatis, A., see M. Ziese 104–107 (1992) 537
- Spiridis, N., see H. Figiel 104–107 (1992) 1198
- Spirlet, J.C., see A. Blaise 104–107 (1992) 33
- Spirlet, J.C., see K. Mattenberger 104–107 (1992) 43
- Spörl, K., see D. Weller 93 (1991) 183
- Spörl, K. and D. Weller, Interface anisotropy and chemistry of magnetic multilayers: Au/Co, Pt/Co and Pd/Co 93 (1991) 379
- Spörl, K., see M. Vohl 93 (1991) 403
- Spörl, K. and D. Weller, Influence of annealing on structure and magnetic anisotropy of Au/Co multilayers 101 (1991) 217
- Spridis, N., see H. Figiel 101 (1991) 401
- Springford, M., see K. Satoh 104–107 (1992) 39
- Springford, M., see K. Satoh 104–107 (1992) 1411
- Springford, M., see M. Hunt 108 (1992) 127
- Springmann, B., see W. Grünberger 101 (1991) 173
- Squire, P.T., see S. Atalay 101 (1991) 47
- Squire, P.T., M.R.J. Gibbs, J.M. Barandiarán, J. Gutierrez and A. García-Arribas, Magnetoelastic behaviour of stress-annealed  $\text{Co}_{73.5}\text{Fe}_{1.5}\text{Si}_{15}\text{B}_{10}$  amorphous ribbon 104–107 (1992) 107
- Squire, P.T., A.P. Thomas, M.R.J. Gibbs and M. Kuzminski, Domain studies of field-annealed amorphous ribbon 104–107 (1992) 109
- Squire, P.T., see M.R.J. Gibbs 104–107 (1992) 327
- Srinivas, V., see S. Prasad 92 (1990) 92
- Srinivas, V., S. Ramakrishnan, G. Chandra and R.A. Dunlap, Magnetism in icosahedral  $\text{Al}_{44}\text{Mn}_{26}\text{Si}_{30}$  104–107 (1992) 2121
- Srinivasan, G., see B. Uma Maheshwar Rao 103 (1992) L228
- Stadnik, S.I., see A.D. Arsenieva 99 (1991) 167
- Stafström, S., see S. Tabor 104–107 (1992) 2099
- Stahnke, A., see J. Wieting 101 (1991) 128
- Stamm, W., see K. Sumiyama 96 (1991) 329
- Stampanoni, M. and R. Allenspach, Magnetic domain imaging in thin epitaxial films by spin-polarized scanning electron microscopy 104–107 (1992) 1805
- Stamps, R.L., see B. Hillebrands 93 (1991) 211
- Stamps, R.L. and B. Hillebrands, Dipole-exchange modes in single thin films and multilayers with large out-of-plane anisotropies 93 (1991) 616
- Stamps, R.L., see J.V. Harzer 104–107 (1992) 1863
- Stamps, R.L., J.V. Harzer and B. Hillebrands, The cross-over from two to three dimensional behavior in layered ferromagnetic systems 104–107 (1992) 1868
- Stasch, R., see Ch. Böttger 99 (1991) 280
- Stashkevich, A.A., see A.V. Anshakov 101 (1991) 157
- Stashkevich, A.A., see J. Gouzerh 101 (1991) 189
- Stearns, M.B., Unified theory of magnetoresistance in Fe and magnetic layer structures 104–107 (1992) 1745
- Stefański, P., A. Kowalczyk and A. Wrzeciono, The spin reorientation transitions in  $\text{ErFe}_{10}\text{T}_2$  ( $\text{T} = \text{Cr}, \text{Si}$ ) compounds 101 (1991) 97
- Stefański, P., see A. Kowalczyk 101 (1991) 341
- Stefański, P., A. Kowalczyk and L. Smardz, Competing anisotropies in  $\text{Dy}_{1-x}\text{Tm}_x\text{Fe}_{10}\text{Si}_2$  compounds 104–107 (1992) 1227
- Stefányi, P., see R. Záboj 104–107 (1992) 953
- Steglich, F., Experimental study of Ce-based heavy-fermion compounds 100 (1991) 186
- Steglich, F., see A. Krimmel 103 (1992) 73
- Steglich, F., see A. Krimmel 104–107 (1992) 25
- Steglich, F., see E. Scheer 104–107 (1992) 175
- Steglich, F., U. Ahlheim, C.D. Bredl, C. Geibel, A. Grauel, M. Lang, G. Sparn, A. Krimmell, A. Loidl and W. Assmus, Instabilities in heavy-fermion systems 108 (1992) 5
- Steglich, F., see S. Horn 108 (1992) 205
- Steglich, F., see C. Geibel 108 (1992) 207
- Steglich, F., see C. Geibel 108 (1992) 209
- Steglich, F., see U. Ahlheim 108 (1992) 213
- Steglich, F., see K. Fraas 108 (1992) 220
- Steigenberger, U., K.A. McEwen, J.L. Martinez and D. Fort, Magnetic and structural phase transitions in  $\text{UPd}_3$  108 (1992) 163
- Steiner, M., see H.M. Mayer 97 (1991) 210
- Steiner, M., see B. Schmid 104–107 (1992) 771
- Steiner, M., see W. Palme 104–107 (1992) 805
- Steiner, M., see M. Enderle 104–107 (1992) 809
- Steiner, M., see K. Kakurai 104–107 (1992) 857
- Steiner, M., see H.M. Mayer 104–107 (1992) 1295
- Steiner, W., see A. Pösinger 98 (1991) 19
- Steiner, W., see A. Pösinger 104–107 (1992) 1597
- Steiner, W., see W.M. Xu 104–107 (1992) 2023
- Steinitz, M.O., D.A. Tindall and M. Kahrizi, Exploration of the phase diagram of holmium in a magnetic field using neutron diffraction and thermal expansion measurements 104–107 (1992) 1531
- Štěpánková, H., J. Kohout and Z. Šimša, NMR study of Ti–Co, Ti–Mg and Ti substituted hexagonal ferrites with magnetoplumbite structure 104–107 (1992) 411
- Štěpánková, H., J. Englich, P. Novák and H. Lütgemeier, NMR study of  $\text{La}^{3+}$  substituted hexagonal ferrites with magnetoplumbite structure 104–107 (1992) 409
- Stepanov, A.A., see T. Chattopadhyay 104–107 (1992) 607
- Stepanov, S.A., see I.S. Edelman 110 (1992) 99
- Stephens, C.R., see D. O'Connor 104–107 (1992) 294



- Stephens, C.R., Crossover behaviour in uniaxial dipolar ferromagnets 104–107 (1992) 297
- Stephens, C.R., see D. O'Connor 104–107 (1992) 300
- Sternlieb, B.J., L.P. Le, G.M. Luke, W.D. Wu, Y.J. Uemura, T.M. Rise-man, J.H. Brewer, Y. Ajiro and M. Mekata,  $\mu^+$ SR measurements on pure and copper doped samples of the 1D antiferromagnet  $\text{Ni}(\text{C}_2\text{H}_8\text{N}_2)_2\text{NO}_2(\text{ClO}_4)$  (NENP) 104–107 (1992) 801
- Sternlieb, B.J., see M. Mekata 104–107 (1992) 825
- Stewart, G.A., see A. Kozłowski 92 (1990) 155
- Stewart, G.R., see S.B. Roy 97 (1991) 291
- Stewart, G.R., see S.B. Roy 99 (1991) 235
- Štichauer, L., see Z. Šimša 101 (1991) 233
- Sticht, J., see T. Maurer 104–107 (1992) 1029
- Stierle, A., see Ch. Morawe 102 (1991) 223
- Stiller, C., see A. Binner 101 (1991) 427
- Stirling, W.G., see C.C. Tang 103 (1992) 86
- Stobiecki, F., see T. Otto 101 (1991) 207
- Stobiecki, F., see S. Kraegermann 101 (1991) 209
- Stobiecki, T., see F.R. de Boer 101 (1991) 3
- Stobiecki, T., see T. Otto 101 (1991) 207
- Stobiecki, T., see S. Kraegermann 101 (1991) 209
- Stobiecki, T., P. Kossacki and H. Szymczak, Sign reversal of the Hall coefficient in amorphous Co–Zr thin films 101 (1991) 211
- Stoch, G., see H. Figiel 104–107 (1992) 1198
- Stoeffler, D., see F. Gautier 93 (1991) 10
- Stoeffler, D., K. Ounadiela and F. Gautier, Electronic structure and inter-layer magnetic couplings in metallic superlattices 93 (1991) 386
- Stoeffler, D., see H. Ness 104–107 (1992) 1697
- Stoeffler, D. and F. Gautier, Electronic structure and magnetic couplings in metallic superlattices with diffuse interfaces 104–107 (1992) 1819
- Stoemenos, J., see N.K. Flevaris 93 (1991) 39
- Stølen, S., see A.F. Andresen 94 (1991) 347
- Stolyarov, V.L., see P.V. Zhorin 109 (1992) 375
- Stone, N.J., see I.S. Oliveira 104–107 (1992) 1265
- Storchak, V.G., see H. Maletta 104–107 (1992) 495
- Storm, D.F., see H. Tang 104–107 (1992) 1705
- Story, T., see P.J.T. Eggenkamp 104–107 (1992) 937
- Stoytchev, M., see L. Bozukov 101 (1991) 355
- Strange, P., B.L. Gyorffy and P.J. Durham, Relativistic theory of X-ray fluorescence from magnets 104–107 (1992) 755
- Strangfeld, Th., see K. Westerholt 104–107 (1992) 513
- Straumann, H.P., see S. Cueto 104–107 (1992) 1096
- Street, R., P.G. McCormick and L. Folks, A magnetic equation of state 104–107 (1992) 368
- Street, R., P.G. McCormick, L. Folks and R. Newman, Magnetization surfaces in  $(M, H, \dot{M})$  space 104–107 (1992) 371
- Strese, H., see H.G. Jahnke 92 (1990) 271
- Strnat, K.J. and R.M.W. Strnat, Rare earth–cobalt permanent magnets 100 (1991) 38
- Strnat, R.M.W., see K.J. Strnat 100 (1991) 38
- Strobel, P., see F. Hartmann-Boutron 104–107 (1992) 501
- Strobel, P., see Y. Gros 104–107 (1992) 621
- Ström-Olsen, J.O., see H. Ma 104–107 (1992) 89
- Ström-Olsen, J.O., see X. Chen 109 (1992) 271
- Stroumbos, H., P. Odier, C. Lacour and P. Monod, Temperature dependence of the London penetration depth in  $\text{YBa}_2\text{Cu}_3\text{O}_7$  fine particles 104–107 (1992) 633
- Strupp, M., see M. Hein 104–107 (1992) 529
- Stubi, R., see J. Mattsson 104–107 (1992) 1619
- Stubi, R., see J. Mattsson 104–107 (1992) 1623
- Stüßer, N., see H.M. Mayer 97 (1991) 210
- Stüßer, N., see H.M. Mayer 104–107 (1992) 1295
- Subramaniam, C.K., see G. Balakrishnan 104–107 (1992) 469
- Suenaga, K., see Y. Uwatoko 104–107 (1992) 645
- Sueto, K., H. Sakumoto, A. Suzuki and M. Sugimoto, Acicular barium ferrite particles useful for perpendicular magnetic recording 104–107 (1992) 979
- Suezawa, Y., see Y. Gondō 93 (1991) 43
- Sugg, B., see H. Vincent 101 (1991) 170
- Sugimoto, M., see M. Yuzuri 104–107 (1992) 885
- Sugimoto, M., see K. Sueto 104–107 (1992) 979
- Sugimoto, S., see W.C. Chang 109 (1992) 103
- Sugimoto, T., see T. Katayama 104–107 (1992) 1002
- Sugimoto, T., T. Katayama, Y. Suzuki, M. Hashimoto, Y. Nishihara, A. Itoh and K. Kawanishi, Temperature dependence of perpendicular magnetic anisotropy in Co/Au and Co/Pt multilayers 104–107 (1992) 1845
- Sugita, R., Magnetic and microstructural studies of Co–Cr films 104–107 (1992) 1725
- Sugiyama, K., see N. Iwata 104–107 (1992) 27
- Sugiyama, K., O. Kondo, F. Tomiyama, M. Date, Y. Hidaka, T. Ishii and A. Matsuda, Magnetizations of  $\text{R}_2\text{Cu}_4\text{O}_4$  ( $\text{R} = \text{Nd, Pr, Gd}$ ) single crystals 104–107 (1992) 1223
- Sugiyama, S., see T. Shinjo 93 (1991) 35
- Suهران, S., C.E. Johnson, Q.A. Pankhurst and M.F. Thomas, Magnetic Mössbauer spectra observed in superconducting samples of  $\text{YBa}_2(\text{Cu}_{1-x}\text{Fe}_x)_3\text{O}_{6.5+p}$  104–107 (1992) 879
- Sukiennicki, A., see R.A. Kosiński 93 (1991) 128
- Sukiennicki, A., see R.A. Kosiński 104–107 (1992) 331
- Sukiennicki, A., see A. Jaroszewicz 104–107 (1992) 867
- Sukiennicki, A., see R. Świrkowicz 104–107 (1992) 1783
- Sukiennicki, A., see J.A. Hołyst 104–107 (1992) 2111
- Sumiyama, K., K. Nishi, Y. Nakamura, V. Manns, B. Scholz, M. Privik, W.

- Keune, W. Stamm, G. Dumpich and E.F. Wassermann, Reentrant spin-glass ordering in fcc  $\text{Cu}_{0.74}\text{Fe}_{0.26}$  alloys 96 (1991) 329
- Sumiyama, K., K. Nishi and M. Shiga, Magnetic properties of amorphous  $\text{Fe}_{1-y}(\text{Cu}_{1-x}\text{Ag}_x)_y$  alloys 102 (1991) 56
- Sumiyama, K., see K. Suzuki 108 (1992) 161
- Sun, H., see J.M.D. Coey 98 (1991) 76
- Sun, H., Y. Otani and J.M.D. Coey, Gas-phase carbonation of  $\text{R}_2\text{Fe}_{17}$  104–107 (1992) 1439
- Sun, Hong, see J.M.D. Coey 101 (1991) 310
- Sun, S.-W., see R.C. O'Handley 104–107 (1992) 1717
- Sun, X.K., see Z.-d. Zhang 92 (1990) 191
- Sun, X.K., G.F. Zhou, Y.C. Chuang, R. Grössinger and H.R. Kirchmayr, Microstructure and coercivity of (Nd, Dy)–(Fe, Co)–B sintered permanent magnets containing a small addition of niobium and silicon 96 (1991) 197
- Sun, X.K., see Z.-w. Zhang 96 (1991) 206
- Sun, X.K., see Z.-g. Zhao 96 (1991) 211
- Sun, X.K., see Z.-d. Zhang 96 (1991) 215
- Sun, X.K., see Z.-d. Zhang 96 (1991) 219
- Sun, X.K., see Z.-g. Zhao 97 (1991) 79
- Sun, X.K., see Z.-g. Zhao 98 (1991) L231
- Sun, X.K., see Z.-G. Zhao 104–107 (1992) 1287
- Sun, X.K., see Z.-G. Zhao 104–107 (1992) 1289
- Sun, X.-K., see T. Zhao 104–107 (1992) 2119
- Sun, X.K., see Q. Wang 109 (1992) 59
- Suran, G., see R. Kordecki 93 (1991) 281
- Suran, G., see M. Rivoire 93 (1991) 489
- Suran, G., see R. Žuberek 104–107 (1992) 117
- Suran, G., H. Ouahmane and M. Rivoire, Amorphous  $(\text{Co}_{93}\text{Zr}_7)_{100-x}\text{Tb}_x$  thin films: magnetic properties and observation of new absorption modes 104–107 (1992) 125
- Suran, G., see M. Naili 104–107 (1992) 1769
- Suran, G., see A. Dinia 104–107 (1992) 1871
- Suriñach, S., see M.T. Clavaguera-Mora 104–107 (1992) 1141
- Suski, W., A. Baran, K. Wochowski and T. Mydlarz, Magnetic properties of  $\text{UFe}_x\text{Co}_{10-x}\text{Si}_2$  intermetallics (*Letter to the Editor*) 95 (1991) L133
- Suski, W., see M. Zelený 98 (1991) 25
- Suwabe, M., see Y. Takeno 93 (1991) 237
- Suzuki, A., see K. Sueto 104–107 (1992) 979
- Suzuki, J., Y. Endoh and M. Arai, Small angle scattering on reentrant spin glass  $\text{Fe}_{1-x}\text{Al}_x$  104–107 (1992) 1657
- Suzuki, K., K. Sumiyama, H. Amano, H. Yamauchi and T. Suzuki, Heavy-fermion behavior in amorphous and crystallized  $\text{CeCu}_6$  alloys produced by sputter deposition 108 (1992) 161
- Suzuki, M., see T. Kawarabayashi 104–107 (1992) 929
- Suzuki, M., see N. Kawashima 104–107 (1992) 1663
- Suzuki, N., see K. Motizuki 104–107 (1992) 681
- Suzuki, T., see J.A. Alonso 103 (1992) 179
- Suzuki, T., see L. Jirman 104–107 (1992) 19
- Suzuki, T., see M. Kurisu 104–107 (1992) 515
- Suzuki, T., see H. Yasui 104–107 (1992) 927
- Suzuki, T., see K. Segawa 104–107 (1992) 1233
- Suzuki, T., see G. Kido 104–107 (1992) 1239
- Suzuki, T., see K. Komorita 104–107 (1992) 1241
- Suzuki, T., M. Nohara, S. Fujisawa, H. Fujisaki, T. Fujita, M. Nagasawa, T. Takabatake and H. Fujii, Elastic anomalies of valence fluctuating  $\text{CeNiSn}$  104–107 (1992) 1293
- Suzuki, T., see J. Sakurai 104–107 (1992) 1415
- Suzuki, T., see H. Ido 104–107 (1992) 1939
- Suzuki, T., see T. Kaneko 104–107 (1992) 1951
- Suzuki, T., see T. Kanomata 104–107 (1992) 1957
- Suzuki, T., see H. Yoshida 104–107 (1992) 1983
- Suzuki, T., see T. Fujita 108 (1992) 35
- Suzuki, T., see Y. Okayama 108 (1992) 113
- Suzuki, T., see T. Takabatake 108 (1992) 155
- Suzuki, T., see K. Suzuki 108 (1992) 161
- Suzuki, T., see U. Ahlheim 108 (1992) 213
- Suzuki, T., see K. Fraas 108 (1992) 220
- Suzuki, Y., see Y. Yokoyama 104–107 (1992) 559
- Suzuki, Y., see T. Katayama 104–107 (1992) 1002
- Suzuki, Y., T. Katayama and H. Yasuoka, NMR study of fcc  $\text{Co}/\text{Cu}(100)$  and  $(111)$  artificial superlattices 104–107 (1992) 1843
- Suzuki, Y., see T. Sugimoto 104–107 (1992) 1845
- Svedlindh, P., see A. Seidel 104–107 (1992) 1599
- Svedlindh, P., see K. Gunnarsson 104–107 (1992) 1607
- Svedlindh, P., see J.-O. Andersson 104–107 (1992) 1609
- Svoboda, P., M. Diviš, A.V. Andreev, N.V. Baranov, M.I. Bartashevich and P.E. Markin, Magnetic phase transitions in  $\text{NdCu}_2$  104–107 (1992) 1329
- Swagten, H.J.M., see W.J.M. de Jonge 100 (1991) 322
- Swagten, H.J.M., see P.J.T. Eggenkamp 104–107 (1992) 937
- Swagten, H.J.M., A. Twardowski, E.W. Janse, P.J.T. Eggenkamp and W.J.M. de Jonge, Specific heat of the diluted magnetic semiconductor  $\text{Zn}_{1-x}\text{Co}_x\text{Se}$  104–107 (1992) 989
- Swartzendruber, L.J., see I. Aviram 98 (1991) 92
- Swartzendruber, L.J., Properties, units and constants in magnetism 100 (1991) 573
- Swartzendruber, L.J., see M. Pardavi-Horvath 104–107 (1992) 313
- Swartzendruber, L.J., see L.H. Bennett 104–107 (1992) 539
- Swartzendruber, L.J., see L.H. Bennett 104–107 (1992) 1094
- Świerczek, J., see J. Zbroszczyk 109 (1992) 221
- Świrkowicz, R. and A. Sukiennicki, An influence of the surface parameters on spin waves and temperature de-

- pendence of magnetization in ultra-thin films 104–107 (1992) 1783
- Sych, I.I., see P.A. Alekseev 110 (1992) 119
- Szajek, A., see A. Kowalczyk 97 (1991) 187
- Szewczyk, A., see F.R. de Boer 104–107 (1992) 113
- Szewczyk, A., R.J. Radwański, J.J.M. Franse and H. Nakotte, Heat capacity of  $\text{GdNi}_5$  104–107 (1992) 1319
- Szewczyk, A.,  $180^\circ$  domain structure in a cubic  $\text{U}_3\text{P}_4$  crystal 110 (1992) 299
- Sznajd, J. and J. Zittartz, The low temperature phase in the 2D quantum XY model 104–107 (1992) 222
- Szöllösy, J., see G. Vértesy 102 (1991) 135
- Szukiel, A.E. and K. Durczewski, An influence of magnetic excitations lifetime on electrical resistivity in certain rare-earth compounds 104–107 (1992) 1189
- Szymański, B., see L. Smardz 104–107 (1992) 1885
- Szymański, K., D. Satuła, L. Dobrzyński and J. Latuszkiewicz, Hyperfine interactions in amorphous  $\text{Co}_{70-x}\text{Ni}_x\text{Fe}_5\text{Si}_{15}\text{B}_{10}$  studied by the Mössbauer technique 99 (1991) 222
- Szymczak, H., see R. Szymczak 92 (1990) L19
- Szymczak, H., see R. Zuberek 93 (1991) 449
- Szymczak, H., see F.R. de Boer 101 (1991) 3
- Szymczak, H., see T. Stobiecki 101 (1991) 211
- Szymczak, H., see R. Zuberek 101 (1991) 219
- Szymczak, H., see F.R. de Boer 104–107 (1992) 113
- Szymczak, H., see R. Zuberek 104–107 (1992) 117
- Szymczak, H., see K. Piotrowski 104–107 (1992) 483
- Szymczak, H., see E. Mosiniewicz-Szablewska 104–107 (1992) 986
- Szymczak, R., K. Piotrowski, H. Szymczak and A.M. Balbashov, Visualization of magnetic flux penetration and trapping in superconducting  $\text{Bi}_2\text{Sr}_2\text{CaCu}_2\text{O}_x$  single crystals (*Letter to the Editor*) 92 (1990) L19
- Szymczak, R., J. Zawadzki, D.H. Manh and M. Slepownski, Domain structure in  $\text{Y}(\text{Fe}, \text{T})_{12}$  ( $\text{T} = \text{Ti}, \text{Cr}, \text{Si}$ ) compounds 104–107 (1992) 321
- Szymczak, R., see K. Piotrowski 104–107 (1992) 483
- Szymczak, R., see Z. Drzazga 104–107 (1992) 605
- Szymura, S., H. Bala, Yu.M. Rabinovich, V.V. Sergeev and G. Pawłowska, Structure magnetic properties and corrosion behaviour of sintered  $\text{Nd}_{16}\text{Fe}_{76-x}\text{Cr}_x\text{B}_8$  magnets 94 (1991) 113
- Szymura, S., see H. Bala 103 (1992) 58
- Szymura, S., see J. Zbroszczyk 109 (1992) 221
- Szytuła, A., see A.F. Andresen 95 (1991) 195
- Szytuła, A., see W. Bažela 96 (1991) 114
- Szytuła, A., see M. Kolenda 96 (1991) 121
- Szytuła, A., see J. Leciejewicz 97 (1991) 219
- Szytuła, A., see L. Vinokurova 99 (1991) 193
- Szytuła, A., R.J. Radwański and F.R. de Boer, Exchange and crystal-field interactions in the antiferromagnets  $\text{GdRh}_2\text{Si}_2$  and  $\text{TbRh}_2\text{Si}_2$  104–107 (1992) 1237
- Szytuła, A., see G. André 109 (1992) 34
- Szytuła, A., see W. Bažela 109 (1992) 305
- Szytuła, A., see V. Ivanov 110 (1992) L259
- Tabata, Y., see Y. Teraoka 104–107 (1992) 1701
- Tabor, S. and S. Stafström, The effect of inter-chain coupling properties of doped *trans*-polyacetylene 104–107 (1992) 2099
- Tagaya, K., ESR study of  $\text{Ln}_2\text{BaCuO}_5$  ( $\text{Ln} = \text{Sm}, \text{Eu}, \text{Gd}, \text{Dy}, \text{Yb}$ ) 104–107 (1992) 561
- Tahir-Kheli, R.A., see K. Kawasaki 104–107 (1992) 253
- Tai, K., see T. Machi 104–107 (1992) 635
- Tailhades, Ph., Ch. Sarda, P. Mollard and A. Rousset, Directional order in  $\text{Mn}_x\text{Co}_y\text{Fe}_{(3-x-y)}\text{O}_4$  ferrites: role of the  $\text{Mn}^{3+}$ ,  $\text{Mn}^{4+}$  ions and vacancies 104–107 (1992) 969
- Taillefer, L., see H. v. Löhneysen 108 (1992) 49
- Taillefer, L., see K. Behnia 108 (1992) 133
- Taillefer, L., J. Flouquet, Yu.P. Gaïdukov and N.P. Danilova, Effect of uniaxial stress on  $\text{UPt}_3$  108 (1992) 138
- Tajima, K., J. Akimitsu, M. Akimitsu, L. Rebelsky, G. Grübel and G. Shirane, The time evolution of the first-order magnetic phase transition in  $\text{Dy-4\%Y}$  alloy 104–107 (1992) 177
- Takabatake, T., see L. Jirman 104–107 (1992) 19
- Takabatake, T., see M. Kurisu 104–107 (1992) 29
- Takabatake, T., see H. Fujii 104–107 (1992) 45
- Takabatake, T., see K. Kojima 104–107 (1992) 49
- Takabatake, T., see Y. Uwatoko 104–107 (1992) 643
- Takabatake, T., see T. Suzuki 104–107 (1992) 1293
- Takabatake, T., see T. Fujita 108 (1992) 35
- Takabatake, T., M. Nagasawa, H. Fujii, M. Nohara, T. Suzuki, T. Fujita, G. Kido and T. Hiraoka, Magnetoresistance and Hall effect in the Kondo-lattice system  $\text{CeNiSn}$  with an anisotropic energy gap 108 (1992) 155
- Takagi, T., see M. Mekata 104–107 (1992) 823
- Takahashi, H., S. Tsunashima, S. Fukatsu and S. Uchiyama, Magnetic properties of PdNi alloys and multilayers 93 (1991) 469
- Takahashi, H., see T. Kamimura 104–107 (1992) 255
- Takahashi, H., S. Fukatsu, S. Tsunashima and S. Uchiyama, Perpendicular magnetic anisotropy of Pd/Co- and Pd/Ni-multilayers 104–107 (1992) 1831
- Takahashi, H., see T. Kagayama 108 (1992) 103
- Takahashi, H., see Y. Okayama 108 (1992) 113



- Takahashi, I., Volume dependence of the magnetic behaviour in fcc Fe–Ni alloys 104–107 (1992) 2057
- Takahashi, K., see K. Ando 104–107 (1992) 993
- Takahashi, M. and T. Shimatsu, Soft magnetism of nanocrystalline Fe based sputtered films with high  $B_s$  (*Invited paper*) 101 (1991) 11
- Takahashi, M., 2D antiferromagnets by modified spin-wave theory 104–107 (1992) 845
- Takahashi, Y., see T. Moriya 104–107 (1992) 456
- Takahashi, Y., Magnetic properties of weak itinerant electron ferromagnet below the Curie temperature 104–107 (1992) 675
- Takai, K., see T. Kamimori 104–107 (1992) 1219
- Takanashi, K., see Y. Obi 104–107 (1992) 1747
- Takanashi, K., M. Watanabe and H. Fujimori, Correlation between magneto-optical Kerr rotation and anomalous Hall effect in FePt/Pt multilayer films 104–107 (1992) 1749
- Takanashi, K., M. Watanabe, H. Fujimori and H. Yasuoka, NMR investigation of the anomalous magnetization behavior in PtMnSb/CuMnSb multilayer films 104–107 (1992) 1751
- Takanashi, K., see S. Joo 104–107 (1992) 1753
- Takano, M., see T. Fujii 92 (1990) 261
- Takano, O., see H. Matsuda 109 (1992) 133
- Takano, O., see H. Matsuda 110 (1992) 227
- Takano, S., see E. Kita 104–107 (1992) 449
- Takano, Y., see K. Sekizawa 104–107 (1992) 545
- Takano, Y., H. Takigami, K. Kanno and K. Sekizawa, Specific heat and magnetization of  $\text{DyRh}_{2-x}\text{Co}_x\text{Si}_2$  104–107 (1992) 1367
- Takatsuka, T., see K. Kumagai 104–107 (1992) 577
- Takayama, S., T. Kawanabe, T. Shimizu, K. Kato and M. Miyazaki, TbFeCoCr magneto-optical media with high corrosion resistance 94 (1991) 357
- Takeda, K., see K. Yamagata 104–107 (1992) 803
- Takeda, K., see K. Okuda 104–107 (1992) 817
- Takeda, K., K. Konishi, H. Deguchi, N. Iwata and T. Shigeoka, Thermodynamical study of the magnetic transition in commensurate phases in  $\text{PrCo}_2\text{Si}_2$  104–107 (1992) 901
- Takeda, M., see I. Mogi 104–107 (1992) 1061
- Takeda, N., see N. Sato 104–107 (1992) 31
- Takeda, N., see N. Sato 108 (1992) 115
- Takeda, Y., see F. Iga 104–107 (1992) 1969
- Takeda, Y., see F. Iga 104–107 (1992) 1973
- Takeno, Y., M. Suwabe and K. Goto, Studies of the structure and magnetic properties of amorphous Tb–Fe thin films 93 (1991) 237
- Taketomi, S., see S. Itoh 103 (1992) 126
- Takeuchi, A., see D. Gignoux 97 (1991) 15
- Takeuchi, A., see D. Gignoux 98 (1991) 333
- Takeuchi, T., H. Hori, M. Date, T. Yosida, K. Katsumata, J.P. Renard, V. Gadet and M. Verdaguer, High field magnetization of Haldane materials TMNIN and NINAZ 104–107 (1992) 813
- Takeuchi, T., Y. Hirayama and M. Futamoto, dependence of anisotropy in Mn–Al multilayer films on the number of layers 104–107 (1992) 1803
- Takigami, H., see Y. Takano 104–107 (1992) 1367
- Takzei, G.A., see P.A. Alekseev 110 (1992) 119
- Talbot, P., see M. Le Floch 104–107 (1992) 401
- Talbot, Ph., see M. Le Floch 104–107 (1992) 1591
- Talvitie, M., O.-P. Kähkönen, S. Mäkinen, H. Rajainmäki, M. Manninen and V. Lindroos, Magnetic flux loss in Nd–Fe–B magnets irradiated with 20 MeV protons 102 (1991) 323
- Tamanai, K., T. Nomoto, T. Anezaki, T. Kuboyama, K. Shinagawa, T. Saito and T. Tsushima, Magneto-optical effects in Th-substituted yttrium iron garnets 104–107 (1992) 445
- Tanaka, H., see Y. Kakehashi 104–107 (1992) 91
- Tanaka, H., K. Iio and K. Nagata, Magnetic properties of  $\text{Rb}_{1-x}\text{K}_x\text{NiCl}_3$ ,  $\text{RbVBr}_3$  and  $\text{CsNiI}_3$  104–107 (1992) 829
- Tanaka, H., see K. Kakurai 104–107 (1992) 857
- Tanaka, K., see N. Sato 104–107 (1992) 31
- Tanaka, K., see N. Sato 108 (1992) 115
- Tanaka, M., see J. Iida 104–107 (1992) 827
- Tanaka, R., see S. Endo 104–107 (1992) 1441
- Tanaka, S., see T. Machi 104–107 (1992) 635
- Tandon, P.N., see B.V.B. Sarkissian 104–107 (1992) 1271
- Tang, C.C., W.G. Stirling, D.L. Jones, C.C. Wilson, P.W. Haycock, A.J. Rollason, A.H. Thomas and D. Fort, Magnetic X-ray and neutron scattering from holmium and terbium 103 (1992) 86
- Tang, G.D., see X.F. Nie 95 (1991) 231
- Tang, G.D., see X.F. Nie 104–107 (1992) 307
- Tang, H., see C.J. Gutierrez 93 (1991) 326
- Tang, H., see C.J. Gutierrez 93 (1991) 369
- Tang, H., see C.J. Gutierrez 99 (1991) 215
- Tang, H., see J.C. Walker 104–107 (1992) 1703
- Tang, H., M.D. Wiczorek, D.J. Keavney, D.F. Storm and J.C. Walker, Mössbauer study of different magnetic properties between opposite interfaces of  $\text{Fe}(100)/\text{Ag}(100)$  multilayers 104–107 (1992) 1705
- Tang, J., see S.K. Malik 109 (1992) 316
- Tang, N., see J.-z. Liang 102 (1991) 217
- Tang, N., Y.L. Liu, M.-J. Yu, Y. Lu, O. Tegus, Q.A. Li, S.Q. Ji and F.-M.

- Yang, Al, Co, Si, Nb substitution in  $\text{Dy}_2\text{Fe}_{17}\text{C}$  and  $\text{Dy}_2\text{Fe}_{17}\text{CN}_x$  compounds 104–107 (1992) 1086
- Tang, W., see H.-s. Li 97 (1991) 37
- Tang, W.z., S.z. Zhou and B. Hu, Grain size dependence of coercivity of sintered Nd–Fe–B permanent magnets 94 (1991) 67
- Tange, H., see S. Ishio 104–107 (1992) 143
- Tange, H., see M. Goto 104–107 (1992) 1789
- Tange, H., S. Kobayashi, S. Kawabuchi, T. Kamimori and M. Goto, Pressure effect on the magnetization for  $(\text{Fe-Ni})_{90}\text{Zr}_{10}$  amorphous alloys 109 (1992) 169
- Tange, Y., see Y. Obi 93 (1991) 587
- Tani, T., see M. Kasaya 104–107 (1992) 665
- Taniguchi, T., see J. Sakurai 104–107 (1992) 1415
- Taniguchi, T., see Y. Miyako 108 (1992) 190
- Tanner, B.K., J. Baruchel and J.S. Abell, Internal magnetic domain structure changes in thick  $\text{TbAl}_2$  crystals revealed by polarized neutron topography 104–107 (1992) 317
- Tanner, B.K., see J. Sandońs 104–107 (1992) 350
- Tanner, B.K., see P.R. Bissell 104–107 (1992) 1551
- Tanner, B.K., C.S. Pilkington and B.M. Wanklyn, Time-dependent magnetization in the 1D spin glass  $\text{Fe}_2\text{TiO}_5$  104–107 (1992) 1611
- Tanoue, S., K.A. Gschneidner Jr. and R.W. McCallum, A study of the magnetic properties of  $\text{Gd}_3\text{Pd}_4$  in applied magnetic fields 103 (1992) 129
- Tari, A. and C. Carboni, NMR of  $^{165}\text{Ho}$  in  $\text{Ho}:(\text{Gd}_{1-x}\text{Ce}_x)\text{Rh}_2$  104–107 (1992) 1355
- Tari, A., see A.R. Ball 109 (1992) 185
- Tarnawski, Z., see N.H. Kim-Ngan 104–107 (1992) 1298
- Tarnawski, Z., J.N. Li, M.J.V. Menken, R.J. Radwański, J.J.M. Franse, K. Bakker and A.A. Menovsky, Field dependence of the specific heat for single-crystalline  $\text{ErBa}_2\text{Cu}_3\text{O}_7$  104–107 (1992) 613
- Tarnóczy, T., see G. Vértessy 102 (1991) 135
- Tasaki, A., see K. Yano 104–107 (1992) 131
- Tasaki, A., see E. Kita 104–107 (1992) 449
- Tasaki, A., see T. Erata 104–107 (1992) 1589
- Tasset, F., see J.X. Boucherle 104–107 (1992) 630
- Tassi, A., see E. Rastelli 104–107 (1992) 173
- Tassi, A., see E. Rastelli 104–107 (1992) 1035
- Tassi, A., see E. Rastelli 104–107 (1992) 1069
- Tateyama, K., see H. Amitsuka 104–107 (1992) 60
- Tawfik, A., see M.A. Ahmed 98 (1991) 33
- Taylor, A.D., see A.T. Boothroyd 104–107 (1992) 713
- Taylor, A.D., see S.E. Nagler 104–107 (1992) 847
- Taylor, D., see H. Oesterreicher 104–107 (1992) 497
- Taylor, D.R. and K.A. Reza, Optical measurements of critical exponents in the random-field Ising system  $\text{Dy}(\text{As}_x\text{V}_{1-x})\text{O}_4$  104–107 (1992) 213
- Taylor, D.W., see D. Givord 104–107 (1992) 1126
- Taylor, D.W., see D. Givord 104–107 (1992) 1129
- Taylor, M.B. and B.L. Gyorffy, Monte Carlo simulations of an fcc  $\text{Ni}_c\text{Fe}_{1-c}$  alloy with vector magnetic freedom 104–107 (1992) 877
- Tazuke, Y., see T. Miyadai 104–107 (1992) 47
- Tazuke, Y., R. Nakabayashi, T. Hashimoto, T. Miyadai and S. Murayama, Magnetism of Ni-based alloys: weak ferromagnetic and paramagnetic alloys 104–107 (1992) 725
- Tazuke, Y., F. Matsukura and T. Miyadai, Spin relaxation times in an Ising spin glass:  $\text{Fe}_{0.05}\text{TiS}_2$  104–107 (1992) 1659
- Tazuke, Y., see T. Miyadai 104–107 (1992) 1953
- Tedeschi, R., see L. Albanese 104–107 (1992) 509
- Tegus, O., see N. Tang 104–107 (1992) 1086
- Teillet, J., see R. Krishnan 98 (1991) 155
- Teillet, J., H. Lassri and R. Krishnan, Mössbauer study of amorphous  $\text{Fe}_{65}\text{-Gd}_{15}\text{B}_{12}\text{Si}_8$  ribbons 101 (1991) 43
- Teillet, J., see J.M. Le Breton 101 (1991) 347
- Teillet, J., see M. Nogues 104–107 (1992) 415
- Teillet, J., see F. Pierre 104–107 (1992) 1033
- Tejada, J., see F. Badia 93 (1991) 425
- Tejada, J., see F. Badia 93 (1991) 429
- Tejada, J., F. Badia, B. Martinez and J.M. Ruiz, Magnetic properties of compositionally modulated thin films of rare earth and transition metal (*Invited paper*) 101 (1991) 181
- Tejada, J., see B. Martinez 104–107 (1992) 123
- Tejada, J., see M. Nogues 104–107 (1992) 1641
- Tejada, J., see M.T. Causa 104–107 (1992) 1649
- Tejada, J., see L.L. Balcells 109 (1992) L159
- Tellgren, R., see D. Rodić 94 (1991) 260
- Tellgren, R., see P. Önnérud 104–107 (1992) 1989
- Temmerman, W.M., see G.Y. Guo 104–107 (1992) 1772
- Tempelmann, C., see E. Tönsing 97 (1991) 316
- Templeton, T.L. and A.S. Arrott, Magnetostatics of ideally soft ferromagnetic cylinders: external midplane fields 104–107 (1992) 2116
- Ten Berge, P., see J. Šimšová 101 (1991) 196
- Tenaud, P., see J. Bras 101 (1991) 369
- Tenaud, Ph., H. Lemaire and F. Vial, Recent improvements in NdFeB sintered magnets (*Invited paper*) 101 (1991) 328
- Tennant, D.A., see S.E. Nagler 104–107 (1992) 847
- Tennant, D.A., D.F. McMorro, S.E. Nagler and B. Fåk, Spin waves in the spin-flop phase of  $\text{RbMnF}_3$  104–107 (1992) 1079
- Tenya, K., H. Miyajima, Y. Ishikawa and S. Yoshizawa, Magnetic torque and flux pinning in high- $T_c$  superconductor  $\text{YBa}_2\text{Cu}_3\text{O}_7$  prepared by a melt-textured growth method 104–107 (1992) 485
- Teodósio, J.R., see C.O. Lopes 94 (1991) 53

- Teraoka, Y., H. Ishibashi and Y. Tabata, Surface reconstruction and surface magnetism 104–107 (1992) 1701
- Tessier, M., see R. Krishnan 93 (1991) 257
- Tessier, M., see R. Krishnan 101 (1991) 205
- Tessier, M., see R. Krishnan 103 (1992) 47
- Tessier, M., see I. Mirebeau 104–107 (1992) 1560
- Testa, A.M., see E. Agostinelli 104–107 (1992) 603
- Testa, A.M., see M. Nogues 104–107 (1992) 1641
- Testa, A.M., see O. Donzelli 104–107 (1992) 1859
- Teter, J.P., see A.E. Clark 104–107 (1992) 1433
- Tewes, M., J. Zweck and H. Hoffmann, Short range order in amorphous FeTb 95 (1991) 43
- Thalmeier, P., B. Wolf, D. Weber, R. Blick, G. Bruls and B. Lüthi, Sound propagation in heavy fermion compounds 108 (1992) 109
- Tharp, D.E., G.J. Long, O.A. Pringle, W.J. James and F. Grandjean, A Mössbauer effect study of ErFe<sub>3</sub> 104–107 (1992) 1477
- Theile, J., see Y. Yuan 95 (1991) 58
- Theile, J., see H. Krause 95 (1991) 95
- Thiaville, A. and J. Miltat, Experimenting with Bloch points in bubble garnets 104–107 (1992) 335
- Thiel, R.C., see M.W. Dirken 94 (1991) L15
- Thoelke, J.B. and D.C. Jiles, Model calculation for determining local energy minima in the orientation of magnetic domains in terbium–dysprosium–iron single crystals 104–107 (1992) 1453
- Tholence, J.L., see F. Hartmann-Boutron 104–107 (1992) 501
- Thomas, A.H., see C.C. Tang 103 (1992) 86
- Thomas, A.P. and M.R.J. Gibbs, Anisotropy and magnetostriction in metallic glasses 103 (1992) 97
- Thomas, A.P., see P.T. Squire 104–107 (1992) 109
- Thomas, A.P., see Q.A. Pankhurst 104–107 (1992) 111
- Thomas, B.W.J., see G.S. Bains 104–107 (1992) 1011
- Thomas, G., see C. Koestler 110 (1992) 264
- Thomas, M.F., see S. Suhanan 104–107 (1992) 879
- Thomas, M.F., see Ö.F. Bakkaloğlu 104–107 (1992) 1921
- Thompson, A.M., see M. Labrune 104–107 (1992) 343
- Thompson, F., see S.R. Hoon 104–107 (1992) 967
- Thompson, G.K. and B.J. Evans, <sup>57</sup>Fe Mössbauer investigation of oriented single-crystal and polycrystalline Pb-Fe<sub>12</sub>O<sub>19</sub> (*Letter to the Editor*) 95 (1991) L142
- Thompson, G.R., Q.A. Pankhurst and C.E. Johnson, Investigation of the Curie point in ferrimagnetic Na<sub>2</sub>-NiFeF<sub>7</sub> 104–107 (1992) 893
- Thompson, J.D., see J.M. Lawrence 108 (1992) 215
- Thompson, J.D., see P.C. Canfield 108 (1992) 217
- Thompson, P.W., S.J. Campbell, D.H. Chaplin and A.V.J. Edge, Resistivity studies of samarium 104–107 (1992) 1503
- Thon, M., see V.P. Silin 104–107 (1992) 701
- Thon, M., see M. Podgórný 104–107 (1992) 703
- Thorp, J.S., A.S. Al-Hawery and F. Robb, Examination of superconducting ceramics by modified inductance probe methods 94 (1991) 119
- Thorp, J.S., A.S. Al-Hawery, R.J.D. Tilley and J.S. Lees, Inductance probe examination of superconducting Ti–Ba–Ca–Cu–O ceramics 97 (1991) 112
- Thuéry, P., G. André, F. El Maziani, M. Clin and P. Schobinger-Papamantellos, Neutron diffraction study of the magnetic structure of ErSi 109 (1992) 197
- Thuy, N.P., N.T. Hien, T.D. Hien and J.J.M. Franse, Crystal field contributions to the specific heat of ErBa<sub>2</sub>Cu<sub>3</sub>O<sub>7</sub> 104–107 (1992) 489
- Thuy, N.P., see N.H. Kim-Ngan 104–107 (1992) 1298
- Thuy, N.P., see N.H. Luong 104–107 (1992) 1301
- Tiefel, T.H., see S.K. Chen 110 (1992) 65
- Tietze-Jaensch, H., see D. Sieger 104–107 (1992) 895
- Tietze-Jaensch, H., D. Sieger, H. Jaitner, R. Geick, P. Schweiss, W. Treutmann, L.P. Regnault and B. Fak, Magnetic disorder in the spin-flop phase of Rb<sub>2</sub>MnCl<sub>4</sub> 104–107 (1992) 897
- Tilley, R.J.D., see J.S. Thorp 97 (1991) 112
- Timko, M., see A. Zentko 104–107 (1992) 581
- Timmins, P., see D.McK. Paul 104–107 (1992) 591
- Timofeyev, V.N., see Kh.Ya. Mulyukov 110 (1992) 73
- Tindall, D.A., see M.O. Steinitz 104–107 (1992) 1531
- Tinsley, C.J., see J.R. Brown 104–107 (1992) 207
- Tirschler, W., see H.-D. Schumann 101 (1991) 107
- Tishin, A.M., see S.A. Nikitin 92 (1991) 397
- Tishin, A.M., see S.A. Nikitin 92 (1991) 405
- Tishin, A.M., see O.V. Snigirev 94 (1991) 342
- Tishin, A.M., see S.A. Nikitin 96 (1991) 26
- Tiwari, M., see P. Brahma 102 (1991) 109
- Tjeng, L.H., see P. Rudolf 109 (1992) 109
- Tjeng, L.H., Y.U. Idzerda, R. Rudolf, F. Sette and C.T. Chen, Soft-X-ray magnetic circular dichroism: a new technique for probing magnetic properties of magnetic surfaces and ultrathin films 109 (1992) 288
- Tobisch, J., see J. Wieting 101 (1991) 128
- Tognetti, V., see A. Cuccoli 104–107 (1992) 785
- Tokumitsu, K., see K. Yano 104–107 (1992) 131
- Tolke, A., see E. Madai 101 (1991) 293
- Tomala, K., see J.P. Sanchez 99 (1991) 95
- Tomalak, T., see A. Lehmann-Szweykowska 104–107 (1992) 447
- Tomeno, I., see T. Machi 104–107 (1992) 635



- Tomey, E., see M. Artigas 104–107 (1992)1993  
 Tomey, E., see O. Isnard 104–107 (1992)2003  
 Tomimoto, K., see Y. Kimishima 104–107 (1992) 779  
 Tomishima, S., see K. Motizuki 104–107 (1992) 681  
 Tomita, A., see K. Segawa 104–107 (1992)1233  
 Tomita, A. and S. Kunii, Thermoelectric power in  $Ce_{1-x}La_xB_6$  Kondo systems 108 (1992) 165  
 Tomiyama, F., see K. Sugiyama 104–107 (1992)1223  
 Tomiyoshi, S., see Y. Yamaguchi 103 (1992) 50  
 Tomka, G.J., P.R. Bissell, R.W. Chantrell, W. Atkinson and K.T. McAloon, Effects of corrosion treatment on melt-spun NdFeB powders 104–107 (1992)1147  
 Tommasini, R., see G. Durin 101 (1991) 89  
 Tönsing, E., H. Jung, C. Tempelmann and H. Brömer, NMR excitation and relaxation in a “single domain” spin glass 97 (1991) 316  
 Torikachvili, M.S., R.F. Jardim, C.C. Becerra, C.H. Westphal, A. Paduan-Filho, V.M. Lopez and L. Rebelsky, Magnetic properties of  $UT_2Si_2$  ( $T = Ni, Cu$  and  $Au$ ) compounds 104–107 (1992) 69  
 Torikachvili, M., see H. Schmitt 104–107 (1992)1247  
 Tóth, I., see A. Grusková 101 (1991) 227  
 Tóth-Kádár, E., see A. Burgstaller 109 (1992) 117  
 Tourbot, R., see B. Boucher 104–107 (1992) 85  
 Tourbot, R., see B. Boucher 104–107 (1992) 93  
 Tourbot, R., see Q. Chen 110 (1992) 139  
 Tovar Costa, M.V. and J. d’Albuquerque e Castro, Electronic structure of palladium monolayers: effects of crystalline orientation 104–107 (1992)1913  
 Tovar, M., X. Obradors, F. Pérez, S.B. Oseroff, D. Chateigner, P. Bordet, J. Chenavas, P. Canfield and Z. Fisk, AC susceptibility in weak ferromagnetic  $R_2CuO_4$  cuprates 104–107 (1992) 549  
 Tovar, M., see A. Rouco 104–107 (1992)1645  
 Tovar, M., see M.T. Causa 104–107 (1992)1649  
 Tovstolytkin, A.I., see N.A. Belous 110 (1992) 197  
 Tran, V.H. and R. Troć, Magnetic and transport properties of the UTSn series ( $T = Co, Ni, Ru, Rh, Pd, Ir$  and  $Pt$ ) 102 (1991) 74  
 Trappmann, T., see H. v. Löhneysen 108 (1992) 45  
 Trappmann, T., see H. v. Löhneysen 108 (1992) 49  
 Trautwein, A.X., see A. Pösinger 104–107 (1992)1597  
 Treutmann, W., see D. Sieger 104–107 (1992) 895  
 Treutmann, W., see H. Tietze-Jaensch 104–107 (1992) 897  
 Treutmann, W., see C. Brotzeller 104–107 (1992) 949  
 Treutmann, W., see W. Schmidt 104–107 (1992)1049  
 Trieu, D.H., Superconductivity in the weak-hopping Anderson lattice model with finite on-site repulsion 97 (1991) 131  
 Trigui, F., see C. Chappert 93 (1991) 319  
 Trigui, F., E. Vélú and C. Dupas, Fuchs-Sondheimer theory as explanation of the magnetoresistance effects in multilayers Au/Co 93 (1991) 421  
 Troć, R., see V.H. Tran 102 (1991) 74  
 Trohidou, K.N., see J.A. Blackman 104–107 (1992) 721  
 Trohidou, K.N., C.M. Soukoulis, A. Kostikas and G. Hadjipanayis, Size dependence of coercivity of small magnetic particles 104–107 (1992)1587  
 Troisi, F., see J. Schoenes 108 (1992) 40  
 Troper, A., see G.M. Japiassu 104–107 (1992)1945  
 Troshin, O., see J. Jalishev 102 (1991) 208  
 Trovarelli, O., see J.G. Sereni 108 (1992) 183  
 Trovarelli, O., see J.P. Kappler 108 (1992) 185  
 Trunin, M.R., see M. Hein 104–107 (1992) 529  
 Trygg, J., see M.S.S. Brooks 104–107 (1992)1381  
 Trygg, J., B. Johansson and M.S.S. Brooks, Ab initio calculation of the magnetism in  $GdFe_{12}$  104–107 (1992)1447  
 Trygg, J., see M.S.S. Brooks 104–107 (1992)1496  
 Tsipenyuk, Y.M., see L. Leylekian 104–107 (1992) 775  
 Tsoukalas, I.A., see K.G. Efthimiadis 103 (1992) 30  
 Tsuchiya, M., see Y. Kimishima 104–107 (1992) 779  
 Tsuda, N., see Y. Obi 104–107 (1992)1747  
 Tsui, F., see M.B. Salamon 104–107 (1992)1729  
 Tsui, F., C.P. Flynn, M.B. Salamon, J.A. Borchers, R.W. Erwin and J.J. Rhyne, Layer thickness dependence of anisotropic coupling in Gd/Y superlattices 104–107 (1992)1901  
 Tsujimura, A., see K. Ichinose 104–107 (1992)1159  
 Tsujimura, A., see F. Maruyama 104–107 (1992)1165  
 Tsujimura, A., see T. Moyojin 104–107 (1992)1195  
 Tsujimura, A., see M. Hayashi 104–107 (1992)1225  
 Tsujimura, A., see K. Fujiwara 104–107 (1992)1231  
 Tsujimura, A., see T. Ohno 104–107 (1992)2027  
 Tsunashima, S., see K. Nakamura 93 (1991) 462  
 Tsunashima, S., M. Hasegawa, K. Nakamura and S. Uchiyama, Perpendicular magnetic anisotropy and coercivity of Pd/Co and Pt/Co multilayers with buffer layers 93 (1991) 465  
 Tsunashima, S., see H. Takahashi 93 (1991) 469  
 Tsunashima, S., see H. Ugaki 104–107 (1992)1009  
 Tsunashima, S., T. Otani, X.Y. Yu and S. Uchiyama, Magnetic and magnetooptic properties of NdGd/FeCo multilayers 104–107 (1992)1021  
 Tsunashima, S., see G.Q. Di 104–107 (1992)1023  
 Tsunashima, S., see M. Jimbo 104–107 (1992)1829  
 Tsunashima, S., see H. Takahashi 104–107 (1992)1831  
 Tsunoda, Y., see J.A. Fernandez-Baca 104–107 (1992) 699  
 Tsushima, T., see T. Saito 104–107 (1992) 163  
 Tsushima, T., see K. Shinagawa 104–107 (1992) 443  
 Tsushima, T., see K. Tamanoi 104–107 (1992) 445  
 Tsushima, T., see T. Iida 104–107 (1992)1363

- Tsvyashchenko, A.V., L.N. Fomicheva and S.D. Antipov, Magnetic behavior of nickel in  $\text{Y}(\text{Fe}_{1-x}\text{Ni}_x)_2$  alloys synthesized under high pressure 98 (1991) 285
- Tucker, J.W., Effective field theory of dilute Ising systems 102 (1991) 144
- Tucker, J.W., see M. Saber 102 (1991) 287
- Tucker, J.W., Effective field theory of a quenched dilute spin-1 Ising model 104–107 (1992) 191
- Tucker, J.W., see T.J. Drye 104–107 (1992) 951
- Tulin, V.A. and A.V. Shipilov, Magnetic resonance in epitaxial films of yttrium iron garnet at frequencies below 1 GHz 93 (1991) 271
- Tun, Z., B.D. Gaulin, R.B. Rogge and B. Briat, Critical soliton dynamics in  $\text{CsCoBr}_3$  104–107 (1992) 1045
- Tun, Z., see W. Wei 108 (1992) 77
- Turek, I., Electronic structure and hyperfine parameters distribution in amorphous  $\text{Fe}_{80}\text{B}_{20}$  cluster 98 (1991) 119
- Turek, I., J. Hafner and Ch. Hausleitner, Electronic and magnetic structure of amorphous Fe–, Co–, Ni–Zr alloys from band theory (*Letter to the Editor*) 109 (1992) L145
- Turilli, G., see A. Paoluzi 92 (1990) L39
- Turilli, G., A. Paoluzi and M. Lucenti, Surface doping with Al in Ba–hexaferrite powders 97 (1991) 338
- Turilli, G., A. Paoluzi, M. Lucenti and L. Pareti, Influence of the particle size and intrinsic magnetic characteristics on the coercivity of sintered magnets 104–107 (1992) 1143
- Turner, C., see Z. Šimša 101 (1991) 233
- Turov, E.A., see A.A. Lugovoi 92 (1991) L291
- Turov, E.A., see Yu.G. Raydugin 102 (1991) 331
- Tuszyński, M., see W. Zarek 104–107 (1992) 2067
- Twardowski, A., see H.J.M. Swagten 104–107 (1992) 989
- Twin, A.J., J.S. Abell and I.R. Harris, Evidence of enhanced antiferromagnetism in highly doped  $\text{YBa}_2(\text{Cu}_{1-x}\text{Fe}_x)_3\text{O}_{6+y}$  104–107 (1992) 611
- Tyutyulkov, N., see C.I. Ivanov 92 (1990) 171
- Tzeng, S.J., S.U. Jen, Y.D. Yao, Y.Y. Chen and T.P. Chen, Electrical and magnetic studies of Co–Pt alloys 104–107 (1992) 889
- Tzscheuschler, R., see J. Hoppe 101 (1991) 81
- Uchiyama, S., see K. Nakamura 93 (1991) 462
- Uchiyama, S., see S. Tsunashima 93 (1991) 465
- Uchiyama, S., see H. Takahashi 93 (1991) 469
- Uchiyama, S., see H. Ugaki 104–107 (1992) 1009
- Uchiyama, S., see S. Tsunashima 104–107 (1992) 1021
- Uchiyama, S., see G.Q. Di 104–107 (1992) 1023
- Uchiyama, S., see M. Jimbo 104–107 (1992) 1829
- Uchiyama, S., see H. Takahashi 104–107 (1992) 1831
- Ueda, K., see T. Moriya 104–107 (1992) 456
- Ueda, K., see T. Kohara 104–107 (1992) 523
- Ueda, K., see T. Kohara 104–107 (1992) 525
- Ueda, S., see Y. Isikawa 108 (1992) 157
- Uehara, Y., see K. Kobayashi 104–107 (1992) 983
- Uematsu, K., see I. Matsubara 104–107 (1992) 427
- Uemura, Y., see M. Mekata 104–107 (1992) 825
- Uemura, Y.J., see B.J. Sternlieb 104–107 (1992) 801
- Ugaki, H., R. Gerber, S. Tsunashima and S. Uchiyama, Magneto-optical properties of amorphous NdNiCo and YNiCo films 104–107 (1992) 1009
- Uggowitzer, P., see M. Földeák 110 (1992) 185
- Uhl, M., L.M. Sandratskii and J. Kübler, Electronic and magnetic states of  $\gamma\text{-Fe}$  103 (1992) 314
- Uhl, M., see J. Kübler 104–107 (1992) 695
- Uji, S., see K. Satoh 104–107 (1992) 39
- Uji, S., see H. Aoki 104–107 (1992) 1905
- Ukon, I., see K. Satoh 104–107 (1992) 39
- Ullrich, H.-J., see J. Wieting 101 (1991) 128
- Ulner, J., see I.S. Donskaya 104–107 (1992) 883
- Uma Maheshwar Rao, B. and G. Srinivasan, Effects of sputtering atmospheres on magnetic properties of amorphous films of  $\text{BiFeO}_3\text{--ZnFe}_2\text{O}_4$  (*Letter to the Editor*) 103 (1992) L228
- Umehara, I., see K. Satoh 104–107 (1992) 39
- Umehara, I., N. Nagai, A. Fukada, K. Satoh, Y. Fujimaki and Y. Ōnuki, Fermi surface and cyclotron mass in  $\text{CeGa}_2$  104–107 (1992) 1407
- Umehara, I., N. Nagai, T. Ebihara and Y. Ōnuki, Magnetic breakthrough effect in antiferromagnetic  $\text{NdIn}_3$  104–107 (1992) 1409
- Umehara, I., see K. Satoh 104–107 (1992) 1411
- Unguris, J., see M.R. Scheinfein 93 (1991) 109
- Upadhyay, R.V., see J. Nogués 99 (1991) 275
- Usadel, K.D. and U. Nowak, Diluted antiferromagnets in a magnetic field: evidence for a spin glass phase 104–107 (1992) 179
- Usadel, K.D., see G. Büttner 104–107 (1992) 1601
- Ušák, E., see J. Sláma 101 (1991) 102
- Ushida, T., see T. Myojin 104–107 (1992) 1195
- Ushida, T., see M. Hayashi 104–107 (1992) 1225
- Usov, N.A. and S.E. Peschany, Modeling of equilibrium magnetization structures in fine ferromagnetic particles with uniaxial anisotropy (*Letter to the Editor*) 110 (1992) L1
- Utochkin, S.N., see A.K. Zvezdin 104–107 (1992) 1479
- Utsugi, H., see T. Goto 104–107 (1992) 2051
- Uwatoko, Y., G. Oomi, T. Takabatake and H. Fujii, Effect of pressure on the thermal expansion coefficient in  $\text{CeNiSn}$  104–107 (1992) 643

- Uwatoko, Y., K. Suenaga and G. Oomi,  
X-ray diffraction study of the struc-  
tural change in CeZn under high  
pressure 104–107 (1992) 645
- Uwatoko, Y., see K. Iki 108 (1992) 100
- Uwatoko, Y., G. Oomi, Y. Sakurai and  
E.V. Sampathkumaran, Thermal ex-  
pansion coefficients of CeRh<sub>2-x</sub>-  
Ni<sub>x</sub>Si<sub>2</sub> alloys 108 (1992) 105
- v. Löhneysen, H., see E. Scheer 104–107 (1992) 175
- v. Löhneysen, H., A. Schröder, T.  
Trappmann and M. Welsch, Evolu-  
tion of magnetic ordering in Ce-  
Cu<sub>6-x</sub>Au<sub>x</sub> heavy-fermion alloys 108 (1992) 45
- v. Löhneysen, H., see A. Schröder 108 (1992) 47
- v. Löhneysen, H., T. Trappmann and L.  
Taillefer, Effect of pressure on the  
superconductive phase transition of  
UPt<sub>3</sub> 108 (1992) 49
- Vaia, R., see A. Cuccoli 104–107 (1992) 785
- Valdré, G., see P. Allia 104–107 (1992) 1767
- Valenzuela, R., J.T.S. Irvine and A.R.  
West, The equivalent resistance  
term in magnetic impedance spec-  
troscopy 104–107 (1992) 395
- Valiev, R.Z., see Kh.Ya. Mulyukov 110 (1992) 73
- Vallet, M., see X. Batlle 104–107 (1992) 918
- Vallet, M., see B. Martínez 104–107 (1992) 941
- Valon, B., see J. Mouchot 101 (1991) 239
- Van Alphen, E.A.M., see H.W. van  
Kesteren 102 (1991) L9
- Van Alphen, E.A.M., see P.J.H. Bloem-  
men 104–107 (1992) 1775
- Van der Kraan, A.M., see P.C.M.  
Gubbens 97 (1991) 69
- Van der Meulen, H.P., see E. Brück 104–107 (1992) 17
- Van der Meulen, H.P., see A. de Visser 108 (1992) 61
- Van der Zaag, P.J., M.T. Johnson, A.  
Noordermeer, P.T. Por and M.Th.  
Rekvelde, Relation between grain  
size and domain size in MnZn fer-  
rite studied by neutron depolarisa-  
tion (*Letter to the Editor*) 99 (1991) L1
- Van der Zaag, P.J., see M.T. Johnson 104–107 (1992) 421
- Van Dijk, N.H., see A. de Visser 108 (1992) 56
- Van Kempen, H., see E. Brück 104–107 (1992) 17
- Van Kesteren, H.W., see S.T. Purcell 93 (1991) 25
- Van Kesteren, H.W., F.J.A. den Broe-  
der, P.J.H. Bloemen, E.A.M. van  
Alphen and W.J.M. de Jonge, Anti-  
parallel and perpendicular magne-  
tization alignment for Co/Ru multi-  
layers (*Letter to the Editor*) 102 (1991) L9
- Van Ruitenbeek, J.M., see J. Albino  
Aguiar 104–107 (1992) 547
- Van Zijl, F.F., see M.T. Rekvelde 104–107 (1992) 527
- Van Zijl, F.F., M.Th. Rekvelde and A.  
Menovsky, Neutron depolarization  
in magnetic superconductors Er<sub>1-x</sub>-  
Ho<sub>x</sub>Rh<sub>4</sub>B<sub>4</sub> 104–107 (1992) 535
- Vangelisti, R., see P. Pernot 104–107 (1992) 853
- Vannucci, A., see R. Marcelli 104–107 (1992) 436
- Varasi, M., see R. Marcelli 104–107 (1992) 436
- Varret, F., see A. Bousseksou 104–107 (1992) 225
- Varret, F., see A. Bousseksou 110 (1992) 295
- Vasconcelos dos Santos, R.J., see I.P.  
Fittipaldi 104–107 (1992) 279
- Vasil'ev, A.N., see A.V. Andrianov 97 (1991) 246
- Vasilieva, R.P., see A.D. Arsenieva 99 (1991) 167
- Vasquez, A., see J.C.P. De Oliveira 98 (1991) 239
- Vaterlaus, A., see F. Meier 93 (1991) 523
- Vaterlaus, A., T. Beutler and F. Meier,  
Determination of the spin-lattice  
relaxation time for Gd 104–107 (1992) 1693
- Vatskichev, L., see J.M. Mucha 109 (1992) 301
- Vatskicheva, M., see J.M. Mucha 109 (1992) 301
- Vázquez, M., J. González, J.M. Blanco,  
J.M. Barandiarán, G. Rivero and A.  
Hernando, Torsion dependence of  
the magnetization process in mag-  
netostrictive amorphous wire 96 (1991) 321
- Vázquez, M., see A. Hernando 101 (1991) 6
- Vázquez, M., see J.M. Blanco 101 (1991) 35
- Vázquez, M., see F. Cebollada 101 (1991) 199
- Vázquez, M., see A.M. Severino 103 (1992) 117
- Vázquez, M., see S.P. Cruz Filho 104–107 (1992) 105
- Vázquez, M., see J.M. Blanco 104–107 (1992) 137
- Vázquez, M., see J. González 104–107 (1992) 139
- Vázquez, M., see S. Vieira 110 (1992) 129
- Veca, G.M., see L. De Rosa 101 (1991) 283
- Vedyayev, A.V., see M.S. Li 96 (1991) 175
- Vedyayev, A.V., see A.D. Arsenieva 99 (1991) 167
- Vedyayev, A.V., A.B. Granovsky and  
A.D. Arsenieva, Extraordinary Hall  
Effect (EHE) in amorphous transi-  
tion-metal ferromagnets 99 (1991) 190
- Vega, A., A. Rubio, L.C. Balbas, J.  
Dorantes-Davila, C. Demangeat, A.  
Mokrani and H. Dreyssé, Stepped  
Fe(001) surface magnetism 104–107 (1992) 1687
- Veillet, P., see C. Chappert 93 (1991) 319
- Veillet, P., see F. Giron 104–107 (1992) 1887
- Veitch, R., see Th. Orth 101 (1991) 235
- Velicescu, M., see P. Schrey 101 (1991) 417
- Vélu, E., see C. Chappert 93 (1991) 319
- Vélu, E., see F. Trigui 93 (1991) 421
- Velu, E.M.T., see Y. Shen 94 (1991) 57
- Venkataramani, N., see R. Krishnan 93 (1991) 257
- Venkataramani, N., see R. Krishnan 104–107 (1992) 1822
- Vennegues, P., see D. Muller 104–107 (1992) 1873
- Venter, A.M., P. de V. du Plessis and  
E. Fawcett, Ultrasonic behaviour of  
a high purity holmium crystal 104–107 (1992) 1517



- Venturini, G., B. Chafik El Idrissi and B. Malaman, Magnetic properties of  $\text{RMn}_6\text{Sn}_6$  ( $\text{R} = \text{Sc}, \text{Y}, \text{Gd-Tm}, \text{Lu}$ ) compounds with  $\text{HfFe}_6\text{Ge}_6$  type structure 94 (1991) 35
- Venturini, G., see B. Malaman 104–107 (1992) 1359
- Verdaguer, M., see T. Takeuchi 104–107 (1992) 813
- Verhoef, R., see F.E. Kayzel 101 (1991) 424
- Verhoef, R., see P.C.M. Gubbens 104–107 (1992) 1269
- Verhoef, R., see H.M. Mayer 104–107 (1992) 1295
- Verhoef, R., S. Sinnema, P.H. Quang and J.J.M. Franse, Strength of the R–T exchange coupling in  $\text{R}_2\text{T}_{17}$  compounds 104–107 (1992) 1325
- Verhoef, R., P.H. Quang, R.J. Radwański, C. Marquina and J.J.M. Franse, Magnetisation curves of single-crystalline  $\text{Tb}_2\text{Fe}_{17}$  104–107 (1992) 1473
- Vernier, N. and G. Bellessa, Magnetic excitations thermally activated in a gadolinium-doped glass (*Letter to the Editor*) 102 (1991) L15
- Verrucchi, P., see A. Cuccoli 104–107 (1992) 785
- Vértesy, G., A. Lovas, J. Szöllösy and T. Tarnóczy, Contactless temperature switch using amorphous ribbons 102 (1991) 135
- Vertesy, G., see M. Pardavi-Horvath 104–107 (1992) 313
- Vettier, C., see H. Fjellvåg 92 (1990) 75
- Vettier, C., see J.A. Blanco 97 (1991) 4
- Vettier, C., see E.M. Forgan 104–107 (1992) 1521
- Vial, F., see Ph. Tenaud 101 (1991) 328
- Vial, F., see J. Bras 101 (1991) 369
- Vicent, J.L., see G. Peral 104–107 (1992) 1755
- Vicente, R., see A. Escuer 110 (1992) 181
- Victoria, R.H., C.F. Brucker and F.E. Spada, Structure and micromagnetic predictions for hysteretic phenomena in a novel Co–Pt permanent magnet thin film 97 (1991) 343
- Vieira, S., J. Jarén, A. Hernando, H.T. Savage and M. Vázquez, High resolution direct magnetostriction measurements of nearly-zero magnetostriction amorphous ribbons 110 (1992) 129
- Viertiö, H.E., see A.S. Oja 104–107 (1992) 908
- Viertiö, H.E. and A.S. Oja, Mean-field calculation and Monte Carlo simulation of ferromagnetic ordering at negative temperatures 104–107 (1992) 915
- Vigier, P., see N. Amri 101 (1991) 352
- Vigier, P., see J. Delamare 104–107 (1992) 1092
- Vijayaraghavan, R., see S.K. Malik 92 (1990) 80
- Vijayaraghavan, R., see M. Huang 97 (1991) 297
- Vijayaraghavan, R., see P.L. Paulose 104–107 (1992) 87
- Vijayaraghavan, R., see G. Balakrishnan 104–107 (1992) 469
- Vijayaraghavan, R., see I. Das 104–107 (1992) 874
- Vijayaraghavan, R., see S.K. Dhar 104–107 (1992) 1303
- Vijayaraghavan, R., see E.V. Sam-pathkumaran 108 (1992) 85
- Villas Boas, V., see D. Givord 104–107 (1992) 1129
- Villers, G., see M. Nogues 104–107 (1992) 415
- Vinai, F., see C. Beatrice 93 (1991) 147
- Vinai, F., see P. Allia 101 (1991) 49
- Vinai, F., see P. Allia 104–107 (1992) 1767
- Vincent, E., see J. Hammann 104–107 (1992) 1617
- Vincent, H., B. Sugg, V. Lefez, B. Bochu, D. Boursier and P. Chaudouet, Crystal growth, X-ray and magnetic studies of planar anisotropy *M*-hexa-ferrites  $\text{BaF}_{12-2x}\text{Ir}_x\text{Me}_x\text{O}_{19}$  ( $\text{Me} = \text{Zn}, \text{Co}$ ) 101 (1991) 170
- Vinokurova, L., V. Ivanov and A. Szytuła, High-field magnetization in  $\text{RCO}_2\text{X}_2$  compounds 99 (1991) 193
- Vinokurova, L., see V. Ivanov 110 (1992) L259
- Virkovsky, V.A., M.V. Gitlits and V.M. Cheremissinov, The magnetic recording community and information storage technology in the USSR 95 (1991) 379
- Visnovsky, S., see R. Krishnan 101 (1991) 205
- Visser, D., see A. Harrison 104–107 (1992) 557
- Visser, D., see H.M. Murphy 104–107 (1992) 657
- Visser, D., see B. Schmid 104–107 (1992) 771
- Visser, D., see I.K. Jassim 104–107 (1992) 2072
- Visser, E.G. and M.T. Johnson, A novel interpretation of the complex permeability in polycrystalline ferrites (*Invited paper*) 101 (1991) 143
- Visser, E.G., see M.T. Johnson 104–107 (1992) 421
- Viswanathan, B., see R. Raman 102 (1991) 181
- Vitale, S., see G. Durin 101 (1991) 89
- Vitale, S., see M. Cerdonio 101 (1991) 92
- Vitebskii, I.M., N.M. Lavrinenko and V.L. Sobolev, Magnetolectric and piezomagnetic effects of exchange nature in antiferromagnets 97 (1991) 263
- Vlasov, K.B., E.A. Rozenberg and A.V. Chetverikov, Magnetic aftereffect following first order magnetostructural phase transitions 94 (1991) 96
- Vodopivec, F., F. Marinšek and F. Grešovnik, The evolution of texture during the processing of a 1.8 Si, 0.3 Al non-oriented electrical sheet 92 (1990) 125
- Vodopivec, F., F. Marinšek, F. Grešovnik, D. Gnidovec, M. Jenko and M. Praček, Effect of antimony of energy losses in non-oriented 1.8 Si, 0.3 Al electrical sheets 97 (1991) 281
- Vogt, O., see A. Blaise 104–107 (1992) 33
- Vogt, O., see K. Mattenberger 104–107 (1992) 43
- Vohl, M., see P. Grünberg 93 (1991) 58

- Vohl, M., J.A. Wolf, P. Grünberg, K. Spörl, D. Weller and B. Zeper, Exchange coupling of ferromagnetic layers across nonmagnetic interlayers 93 (1991) 403
- Voigt, J., X.L. Ding, R. Fink, G. Krausch, B. Luckscheiter, R. Platzer, U. Wöhrmann and G. Schatz, Magnetic hyperfine fields at uncovered ultrathin Ni films on Cu(100) substrates and at single-crystal Ni surfaces 93 (1991) 341
- Voiron, J., see D. Gignoux 104–107 (1992) 1262
- Voitländer, J., see A. Burgstaller 109 (1992) 117
- Völkel, A.R., F.G. Mertens, G.M. Wysin and A.R. Bishop, Vortex dynamics in the classical two-dimensional antiferromagnetic XY model 104–107 (1992) 766
- Volkov, V.V., see M. Maryško 104–107 (1992) 429
- Volkozub, A.V., see O.V. Snigirev 94 (1991) 342
- Völz, H., Limits and future possibilities of information storage (*Review paper*) 99 (1991) 335
- vom Hedt, B., see K. Westerholt 104–107 (1992) 513
- von der Linden, W., see D.M. Edwards 104–107 (1992) 739
- Von Dreele, R.B., see R.A. Robinson 98 (1991) 147
- Von Geisau, O., see M. Hoffmann 101 (1991) 140
- Von Geisau, O., see Th. Orth 101 (1991) 235
- Von Molnár, S., H. Munekata, H. Ohno and L.L. Chang, New diluted magnetic semiconductors based on III–V compounds (*Invited paper*) 93 (1991) 356
- Vorenkamp, T., see E.A. Knetsch 108 (1992) 75
- Voronkov, E.O., see V.V. Rossikhin 104–107 (1992) 2127
- Vuorinen, R.T., see P.J. Hakonen 104–107 (1992) 903
- Vyrodov, N.I., see S.A. Vyzulin 101 (1991) 153
- Vyzulin, S.A., A.E. Rosenson and S.A. Sheh, The spectrum of the damped MSSW in the ferrite film 101 (1991) 151
- Vyzulin, S.A., N.I. Vyrodov and V.V. Zaporozhets, Investigation of the beyond-cutoff phenomena in the ferrite waveguides with magneto-static waves 101 (1991) 153
- Wachter, P., see H. Brändle 93 (1991) 207
- Wachter, P., see M. Haruki 104–107 (1992) 475
- Wachter, P., see F. Marabelli 108 (1992) 79
- Wada, H. and M. Shiga, Low temperature specific heat of the Laves phase compounds showing a double magnetic transition 104–107 (1992) 691
- Wada, H., T. Inoue and M. Shiga, Electronic Grüneisen parameter of Mn-rich bcc Cr–Mn alloys 104–107 (1992) 693
- Wada, H., see S. Endo 104–107 (1992) 1441
- Wada, H. and M. Shiga, Thermal expansion anomaly and Invar effect of  $\text{Mn}_{1-x}\text{Co}_x\text{B}$  104–107 (1992) 1925
- Wagner, D., see V.P. Silin 104–107 (1992) 701
- Wagner, D., see M. Podgórný 104–107 (1992) 703
- Wagner, K., see U. Köbler 103 (1992) 236
- Wagner, V., H. Weinfurter and J. Weniger, Magnetic domain structure of  $\text{K}_2\text{Cu}_x\text{Zn}_{1-x}\text{F}_4$  104–107 (1992) 357
- Walczak, J., see T. Groń 101 (1991) 148
- Waldner, F., see A.I. Smirnov 92 (1990) 116
- Waldner, F., see P. Erhart 104–107 (1992) 487
- Waldner, F., Are Skyrmions (2D solitons) observable in 2D antiferromagnets? 104–107 (1992) 793
- Waldner, F., see H.R. Moser 104–107 (1992) 2129
- Walker, J.C., see C.J. Gutierrez 93 (1991) 326
- Walker, J.C., see C.J. Gutierrez 93 (1991) 369
- Walker, J.C., see C.J. Gutierrez 99 (1991) 215
- Walker, J.C., Z.Q. Qiu, C.J. Gutierrez, M.D. Wiczorek and H. Tang, Genuine 2-dimensional magnetism and interlayer magnetic coupling in  $\text{Fe}_{110}/\text{Ag}_{111}$  multilayers 104–107 (1992) 1703
- Walker, J.C., see H. Tang 104–107 (1992) 1705
- Walker, M.J., see D. Greig 110 (1992) L239
- Wall, B., see W. Rodewald 101 (1991) 338
- Wall, B., see W. Fernengel 101 (1991) 343
- Wall, B., see K. Boockmann 101 (1991) 345
- Wallace, W.E., see M.Q. Huang 102 (1991) 91
- Wallace, W.E., see L.Y. Zhang 103 (1992) 245
- Wallace, W.E., see H. Ido 104–107 (1992) 1361
- Wan, J., see J. Liu 103 (1992) 65
- Wan, M., H. Wang and J. Zhao, Organic ferromagnet of NTDIOO crystal 104–107 (1992) 2096
- Wan, Q., see Z.-g. Zhao 96 (1991) 211
- Wan, Q., see Z.-g. Zhao 97 (1991) 79
- Wang, G.m., D.y. Zhang, W.h. Wang and Y.d. Dong, Investigation of  $\text{Al}_{100-x}\text{Fe}_x$  amorphous powders prepared by ball milling 97 (1991) 73
- Wang, H., see H.R. Zhai 104–107 (1992) 1015
- Wang, H., see H.R. Zhai 104–107 (1992) 1825
- Wang, H., H.R. Zhai, H.Y. Zhang, M. Lu, B.X. Gu, L. Zhang, Y.H. Liu, X.D. Ma and L.M. Mei, MOKE enhancement of Fe/ZnSe multilayers and bilayers 104–107 (1992) 1827
- Wang, H., see M. Wan 104–107 (1992) 2096
- Wang, J.-y., see Z.-g. Zhao 98 (1991) L231
- Wang, J.-Y., see Z.-G. Zhao 104–107 (1992) 1289
- Wang, P.C., see C.K. Hou 92 (1990) 109
- Wang, Q., see T. Zhao 104–107 (1992) 2119
- Wang, Q., Z.-g. Zhao, W. Liu, X.K. Sun, Y.C. Chuang and F.R. de Boer,

- Rotation alignment for measuring easy-plane magnetic anisotropy 109 (1992) 59
- Wang, Q., see W.H. Qiao 110 (1992) 170
- Wang, Q.-T., see G.-H. Pan 104–107 (1992) 981
- Wang, W.h., see G.m. Wang 97 (1991) 73
- Wang, X.-W., see B.N. Harmon 104–107 (1992) 2113
- Wang, Y., P.M. Levy and J.L. Fry, Magnetic coupling in Fe/Cr superlattices 93 (1991) 395
- Wang, Y., F.Z. Cui, W.Z. Li and Y.D. Fan, Co/Mo multilayers deposited by ion-beam sputtering 102 (1991) 121
- Wang, Y.Z., G.C. Hadjipanayis, A. Kim, D.J. Sellmyer and W.B. Yelon, Structure and magnetic properties of  $R\text{Fe}_{10}\text{V}_2\text{N}_x$  compounds 104–107 (1992) 1132
- Wang, Z., see H. Ma 104–107 (1992) 89
- Wanklyn, B.M., see Q.A. Pankhurst 97 (1991) 126
- Wanklyn, B.M., see P.C. Riedi 104–107 (1992) 503
- Wanklyn, B.M., see B.K. Tanner 104–107 (1992) 1611
- Wäppling, R., see P. Dalmás de Réotier 104–107 (1992) 1267
- Warden, M., see H.R. Moser 104–107 (1992) 2129
- Warren, P., D.McK. Paul, A. Giorgi and N. Bernhoeft, Small angle neutron scattering from  $\text{TiBe}_{1.5}\text{Cu}_{0.5}$  104–107 (1992) 687
- Wasserman, A., see M. Hunt 108 (1992) 127
- Wassermann, E.F., see B. Scholz 93 (1991) 499
- Wassermann, E.F., see K. Sumiyama 96 (1991) 329
- Wassermann, E.F., The Invar problem 100 (1991) 346
- Wassermann, E.F., see S. Welzel-Gerth 101 (1991) 37
- Watabe, A., see J.-I. Igarashi 104–107 (1992) 769
- Watanabe, M., see K. Takanashi 104–107 (1992) 1749
- Watanabe, M., see K. Takanashi 104–107 (1992) 1751
- Watanabe, T., see T. Sato 104–107 (1992) 1625
- Waters, K. and C. Rau, Ion-induced emission of spin-polarized electrons to study surface magnetism 93 (1991) 534
- Watson, M.L., see A.Z. Maksymowicz 94 (1991) 109
- Watson, R.E., see L.H. Bennett 104–107 (1992) 1094
- Wawro, A. and W. Maj, The Hall effect in Ni/Pb modulated films 109 (1992) 13
- Waysand, G., see A. Larrea 104–107 (1992) 229
- Webb, B.C., M.E. Re, C.V. Jahnes and M.A. Russak, High field, high frequency magnetic dynamics of narrow thin-film magnetic multilayer stripes 104–107 (1992) 973
- Webb, B.C., see M.A. Russak 104–107 (1992) 1851
- Webb, D.J., T.Y. Kuromoto and S.M. Kauzlarich, New ternary magnets ( $\text{Ca}$ ,  $\text{Sr}$ ,  $\text{Ba}$ ) $_{14}\text{MnBi}_{11}$  98 (1991) 71
- Weber, D., see P. Thalmeier 108 (1992) 109
- Weber, G., see C. Geibel 108 (1992) 209
- Weber, M., see H. Maletta 104–107 (1992) 495
- Weber, R., see R. Chung 104–107 (1992) 1455
- Weber, W., D. Hartmann, D.A. Wesner and G. Güntherodt, Spin-split electronic states at interfaces: Pd/Fe, Pt/Co and Pd/Co 104–107 (1992) 1791
- Webster, P.J., see I.K. Jassim 104–107 (1992) 2072
- Wecker, J., see M. Katter 92 (1990) L14
- Weed, S.B., see S.C. Dorman 98 (1991) 28
- Wei, W., see H. Lin 104–107 (1992) 1511
- Wei, W., Z. Tun, W.J.L. Buyers, B.D. Gaulin, T.E. Mason, J.D. Garrett and E.D. Isaacs, Long range anti-ferromagnetic order and its coexistence with superconductivity in  $\text{URu}_2\text{Si}_2$  108 (1992) 77
- Weidinger, A., see P. Dalmás de Réotier 104–107 (1992) 1267
- Weinfurter, H., see H.M. Mayer 97 (1991) 210
- Weinfurter, H., see V. Wagner 104–107 (1992) 357
- Weinfurter, H., see M. Enderle 104–107 (1992) 809
- Weinfurter, H., see H.M. Mayer 104–107 (1992) 1295
- Weller, D., W. Reim, K. Spörl and H. Brändle, Spectroscopy of multilayers for magneto-optic storage (*Invited paper*) 93 (1991) 183
- Weller, D., see W. Reim 93 (1991) 220
- Weller, D., see K. Spörl 93 (1991) 379
- Weller, D., see M. Vohl 93 (1991) 403
- Weller, D., see K. Spörl 101 (1991) 217
- Weller, D., see J.V. Harzer 104–107 (1992) 1863
- Wells, M.R., see S.J. Dawson 104–107 (1992) 373
- Wells, M.R., see B. Bleaney 104–107 (1992) 1245
- Welsch, M., see H. v. Löhneysen 108 (1992) 45
- Welzel-Gerth, S., B. Franz, H.W. Gronert and E.F. Wassermann, Magnon contributions to low-temperature thermal conductivity of amorphous ferromagnets 101 (1991) 37
- Wenda, J., see K. Kułakowski 94 (1991) 247
- Wenda, J., see J. Nowak 94 (1991) 251
- Weniger, J., see V. Wagner 104–107 (1992) 357
- Wesner, D.A., see W. Weber 104–107 (1992) 1791
- West, A.R., see R. Valenzuela 104–107 (1992) 395
- Westerholt, K., B. vom Hedt and Th. Strangfeld, Magnetism of  $\text{K}_2\text{NiF}_4$ -type V- and Ni-oxides 104–107 (1992) 513
- Westphal, C., see A. Paduan-Filho 104–107 (1992) 269
- Westphal, C., see J. Bansmann 104–107 (1992) 1691
- Westphal, C., see M. Getzlaff 104–107 (1992) 1781
- Westphal, C.H., see M.S. Torikachvili 104–107 (1992) 69
- Weyrauch, T., see F. Rödelberger 104–107 (1992) 1075
- Whiting, J.S.S., see A.Z. Maksymowicz 94 (1991) 109
- Wiatrowski, G., see J. Mielnicki 94 (1991) 74
- Wiechers, R., see U. Köbler 103 (1992) 236
- Wieczorek, M.D., see C.J. Gutierrez 93 (1991) 326
- Wieczorek, M.D., see C.J. Gutierrez 93 (1991) 369
- Wieczorek, M.D., see C.J. Gutierrez 99 (1991) 215
- Wieczorek, M.D., see J.C. Walker 104–107 (1992) 1703
- Wieczorek, M.D., see H. Tang 104–107 (1992) 1705
- Wienke, R., see H. Ebert 93 (1991) 601



- Wierzbicki, A., see Z. Onyszkiewicz 99 (1991) 253
- Wiese, G., H.-A. Krug von Nidda and H. Benner, Temperature-induced multistability in spin-wave turbulence 104–107 (1992) 1072
- Wiesinger, G., see X.C. Kou 104–107 (1992) 1339
- Wiesinger, G., R. Grössinger and X.C. Kou, 3d-anisotropy behaviour in  $R_2Fe_{13}MB$  compounds ( $R = Y, Gd; M = Al, Ga, Si$ ) 104–107 (1992) 1431
- Wieting, J., E.M. Herbst, S. Mager, A. Stahnke, S. Moldenhauer, J. Tobiasch, H.-J. Ullrich, F. Friedel and J. Bauch, Anomalous grain growth and texture formation in alloyed electrical sheets 101 (1991) 128
- Wigen, P.E., see M. Pardavi-Horvath 104–107 (1992) 433
- Wigen, P.E., see P.J. Shields 104–107 (1992) 1043
- Wilhoit, D.R., see B. Dieny 93 (1991) 101
- Wilkinson, A.J., see R.D. Greenough 101 (1991) 75
- Will, G., see J.K. Yakinthos 102 (1991) 71
- Will, G., see I. Yaar 104–107 (1992) 63
- Willaschek, K., The perpendicular magnetic recording process with ring-type heads on single layer films 94 (1991) 215
- Willett, R.D., see T.E. Grigereit 104–107 (1992) 831
- Willett, R.D., see T.E. Grigereit 104–107 (1992) 1981
- Williams, C.M., see N.C. Koon 100 (1991) 173
- Williams, C.M., J.J. Krebs, F.J. Rachford, G.A. Prinz and A. Chaiken, Torque measurements of the magnetic anisotropy energy of antiferromagnetic-coupled Fe/Cr/Fe layers 110 (1992) 61
- Williams, E.W., An introduction to sputtering of magnetic and magneto-optic thin films for data recording 95 (1991) 356
- Williams, G., see H. Ma 104–107 (1992) 89
- Williams, J.M., see C. Hawkins 104–107 (1992) 1549
- Wills, J.M., see B.R. Cooper 108 (1992) 10
- Wilson, C.C., see C.C. Tang 103 (1992) 86
- Wilson, G.V.H., see T.J. McKenna 104–107 (1992) 1505
- Wimmers, O.J. and M.T. Johnson, Lifshitz-type domain patterns observed in CoNbZr structures 96 (1991) 97
- Winiarska, A., see Z. Drzazga 104–107 (1992) 1437
- Winkelmann, M., H.A. Graf, N.H. Andersen, T. Zeiske and D. Hohlwein, Magnetic and electronic properties of  $Mg_{1-x/2}Li_xCu_{2-x/2}O_3$  104–107 (1992) 871
- Winkler, H., see A. Pösinger 104–107 (1992) 1597
- Wirth, H., see M. Schaefer 101 (1991) 95
- Wiser, N., see D. Greig 110 (1992) L239
- Withanawasam, L. and G.C. Hadjipanayis, Magnetic hardening in Mn-substituted Pr–Fe–B alloys at cryogenic temperatures 104–107 (1992) 1137
- Wo, F., see B.-g. Shen 96 (1991) 335
- Wochowski, K., see W. Suski 95 (1991) L133
- Wöhrmann, U., see J. Voigt 93 (1991) 341
- Wojciechowski, R., see A. Lehmann-Szwejkowska 104–107 (1992) 447
- Wojciechowski, R., see G.A. Gehring 108 (1992) 89
- Wójcik, M., see E. Jędryka 104–107 (1992) 1405
- Wójcik, W., see J. Spałek 104–107 (1992) 723
- Wolf, A., see P. Grünberg 93 (1991) 58
- Wolf, B., see P. Thalmeier 108 (1992) 109
- Wolf, J.A., see M. Vohl 93 (1991) 403
- Wolf, J.A., see P. Grünberg 104–107 (1992) 1734
- Wolf, M. and K.-H. Müller, Magnetostrictive behaviour of multiphase materials 101 (1991) 117
- Wolf, W.P., see S.J. Dawson 104–107 (1992) 373
- Wolffers, P., see G. Fillion 104–107 (1992) 1985
- Wolny, J., see B. Lebech 104–107 (1992) 1501
- Wong, H.Y., J.N. Chapman, S. McVitie and S.J. Hefferman, The influence of evaporation rate on the domain structures of permalloy and cobalt small magnetic particles 104–107 (1992) 329
- Wong, T.H., see S.W. Yung 98 (1991) 341
- Wong, W.H. and W.G. Clark, Is there a phase transition in  $CeAl_3$ ? 108 (1992) 175
- Woolley, J.C., see J. Lamazares 104–107 (1992) 997
- Wosicki, P., see J.A. Morkowski 104–107 (1992) 673
- Wosnitza, J., see E. Scheer 104–107 (1992) 175
- Wostenholm, G.H., see J.A.J. Lourens 96 (1991) 301
- Wright, C.D., see W.W. Clegg 95 (1991) 49
- Wright, C.D., see B. Liu 101 (1991) 245
- Wright, D.G., see D. Greig 110 (1992) L239
- Wrzeciono, A., see P. Czarnecki 101 (1991) 32
- Wrzeciono, A., see P. Stefański 101 (1991) 97
- Wrzeciono, A., see A. Kowalczyk 101 (1991) 341
- Wu, R.q., C. Li and A.J. Freeman, Structural, electronic and magnetic properties of Co/Pd(111) and Co/Pt(111) 99 (1991) 71
- Wu, R.q. and A.J. Freeman, Theoretical determination of antiferromagnetic coupling and surface state for Gd(0001) 99 (1991) 81
- Wu, R.-Q., see A.J. Freeman 100 (1991) 497
- Wu, R.-Q., see A.J. Freeman 104–107 (1992) 1
- Wu, R.-T., see D.q. Li 99 (1991) 85
- Wu, W.D., see B.J. Sternlieb 104–107 (1992) 801
- Wulfes, A., see Ch. Böttger 99 (1991) 280
- Wulfes, A., Ch. Böttger, J. Hesse, J. Sievert and H. Ahlers, Magnetic phase diagram of the reentrant spin glass system  $(Fe_{0.65}Ni_{0.35})_{1-x}Mn_x$  104–107 (1992) 2069
- Wun-Fogle, M., see A.E. Clark 104–107 (1992) 1433
- Wun-Fogle, M., see M.L. Spano 104–107 (1992) 1537
- Wyborn, M.J., see P.J. McGuinness 104–107 (1992) 1169
- Wyder, U., see A. de Visser 108 (1992) 59

- Wysin, G.M., see A.R. Völkel 104–107 (1992) 766
- Wysocki, B., see J. Zbrozarczyk 109 (1992) 221
- Wysocki, J.J., Torque curves in the anisotropic Fe–Al–C(Cu) permanent magnet with different Cu concentrations 101 (1991) 421
- Wysocki, J.J., Domain structure of the arc-plasma sprayed Nd–Fe–B anisotropic permanent magnet 104–107 (1992) 363
- Wysocki, J.J. and M. Leonowicz, Magnetic rotational hysteresis energy in Nd–Fe–B permanent magnet with different Cr concentration 104–107 (1992) 1163
- Xia, S.K., see C. Larica 110 (1992) 106
- Xiang, T. and G.A. Gehring, Real space renormalisation group study of Heisenberg spin chain 104–107 (1992) 861
- Xie, B.-t., see H.-s. Li 109 (1992) 113
- Xing, F. and W.W. Ho, Intrinsic properties of the ferromagnetic  $R_{14}Fe_{78}B_{8-x}C_x$  compounds 94 (1991) 49
- Xiong, X.-Y. and K.-Y. Ho, Magnetic anisotropy of amorphous alloy ribbons in as-quenched state (*Letter to the Editor*) 94 (1991) L29
- Xu, J., see R. Atkinson 95 (1991) 35
- Xu, J., see R. Atkinson 102 (1991) 357
- Xu, J., see R. Atkinson 104–107 (1992) 1013
- Xu, W.M., W. Steiner, M. Reissner, A. Pösinger, M. Acet and W. Pepperhoff, Magnetic and Mössbauer investigations on  $Cr_{75}(Fe_xMn_{1-x})_{25}$  alloys 104–107 (1992) 2023
- Xu, Y.B., see H.R. Zhai 104–107 (1992) 1027
- Yaar, I., J. Gal, W. Potzel, G.M. Kalvius, G. Will and W. Schäfer, Magnetic properties of  $NpX_2$  intermetallic compounds 104–107 (1992) 63
- Yablonskii, D.A., Yu.A. Dimashko and P.P. Shatskii, Nonuniform exchange interaction effect on the structure of ferromagnet domain boundary 99 (1991) 261
- Yabuta, H., see K. Kojima 104–107 (1992) 653
- Yagasaki, K., H. Yoshida, S. Abe, T. Kaneko and P. Morin, Giant magnetic coercivity of cubic Sm compounds 104–107 (1992) 1389
- Yaguchi, N., see M. Mekata 104–107 (1992) 823
- Yakinthos, J.K., see C. Routsis 98 (1991) 257
- Yakinthos, J.K., Crystal magnetic structures of  $TmFe_2Si_2$  and  $TmNi_2Ge_2$  compounds. Influence of the d-metal charge on the anisotropy direction of the  $RT_2X_2$  (R = rare earth, T = 3d or 4d metal and X = Si, Ge) compounds 99 (1991) 123
- Yakinthos, J.K., see P. Kotsanidis 102 (1991) 67
- Yakinthos, J.K., P.A. Kotsanidis, W. Schäfer and G. Will, The antiferromagnetic structure of  $ErNiC_2$  ternary carbide 102 (1991) 71
- Yakinthos, J.K., see Ch.D. Routsis 102 (1991) 266
- Yakinthos, J.K., see Ch.D. Routsis 102 (1991) 275
- Yakinthos, J.K., see Ch. Routsis 110 (1992) 317
- Yamada, H. and M. Shimizu, Magnetic properties of  $Zr(Fe, Co)_2$  104–107 (1992) 1963
- Yamada, H., see M. Aoki 104–107 (1992) 1965
- Yamada, H. and M. Aoki, Magnetic properties of pseudo-binary compounds  $Y(Fe, Al)_2$  and  $Y(Co, Al)_2$  104–107 (1992) 1967
- Yamada, K., see S. Murayama 104–107 (1992) 95
- Yamada, K. and T. Saitoh, Observation of Barkhausen effect in ferromagnetic amorphous ribbon by sensitive pulsed magnetometer 104–107 (1992) 341
- Yamada, K. and N. Kamata, Magneto-transport study of 5d–4f spin exchange interaction in EuSe 104–107 (1992) 991
- Yamada, M., see D.W. Lim 104–107 (1992) 1429
- Yamada, Y., see R.G. Graham 104–107 (1992) 641
- Yamada, Y., see T. Matsumoto 104–107 (1992) 647
- Yamada, Y., J.G.M. Armitage, R.G. Graham and P.C. Riedi, Pressure dependence of magnetic properties of  $Nb_{1-y}Fe_{2+y}$  104–107 (1992) 1317
- Yamada, Y., see T. Ohno 104–107 (1992) 2027
- Yamagami, H., see A. Hasegawa 104–107 (1992) 65
- Yamagami, H. and A. Hasegawa, The Fermi surface of  $CeRu_2Si_2$  108 (1992) 153
- Yamagata, A., see I. Ono 104–107 (1992) 257
- Yamagata, K., T. Abe, Y. Higuchi, H. Deguchi, K. Takeda, K. Kaneko, H. Nojiri and M. Motokawa, Thermal and magnetic properties of  $M(HCOO)_2 \cdot 2urea$  : M = Mn, Fe, Co, Ni 104–107 (1992) 803
- Yamagata, K., N. Koyano, Ridwan, N. Achiwa, M. Fujino, Y. Iwata and I. Shibuya, Structure of  $M(HCOO)_2 \cdot 2(NH_2)_2CO$  : M = Mg, Co, Zn 104–107 (1992) 849
- Yamagata, K., see M. Fujino 104–107 (1992) 851
- Yamagishi, A., see R.J. Radwański 101 (1991) 392
- Yamagishi, A., see R.J. Radwański 104–107 (1992) 1139
- Yamagishi, A., K. Senda, K. Kindo, M. Date and Y. Ōnuki, Multi-step magnetization of  $UCu_5$  108 (1992) 211
- Yamaguchi, K., see K. Matsumoto 104–107 (1992) 451
- Yamaguchi, M., see T. Futakata 104–107 (1992) 729
- Yamaguchi, M., T. Futakata, I. Yamamoto and T. Goto, High-field magnetization and magnetostriction of  $Y_{1-x}Gd_xCo_2$  104–107 (1992) 731
- Yamaguchi, Y., S. Tomiyoshi, M. Harada and G. Shirane, Magnons and phonons in MnSb 103 (1992) 50

- Yamaguchi, Y., see S. Kawamata 104–107 (1992) 51  
 Yamaguchi, Y., see S. Kawamata 104–107 (1992) 53  
 Yamaguchi, Y., see M. Ohashi 104–107 (1992) 925  
 Yamaguchi, Y., see H. Yasui 104–107 (1992) 927  
 Yamaguchi, Y., see M. Ohashi 104–107 (1992) 1383  
 Yamaguchi, Y., see H. Shiraishi 104–107 (1992) 2040  
 Yamaguchi, Y., see T. Hori 104–107 (1992) 2045  
 Yamaguchi, Y., see H. Onodera 109 (1992) 249  
 Yamamoto, H., T. Okuyama, H. Dohnomae and T. Shinjo, Magnetoresistance of multilayers with two magnetic components 99 (1991) 243  
 Yamamoto, H., see H. Kobayashi 109 (1992) 17  
 Yamamoto, I., see T. Futakata 104–107 (1992) 729  
 Yamamoto, I., see M. Yamaguchi 104–107 (1992) 731  
 Yamamoto, K., see K. Sekizawa 104–107 (1992) 545  
 Yamamoto, T., see H. Miyajima 104–107 (1992) 1117  
 Yamanaka, A., see K. Kumagai 104–107 (1992) 577  
 Yamauchi, H., see K. Suzuki 108 (1992) 161  
 Yamauchi, H., see H. Onodera 109 (1992) 249  
 Yamazaki, H., see M. Mino 104–107 (1992) 1055  
 Yamazaki, H., see S. Mitsudo 104–107 (1992) 1057  
 Yamazaki, H., Y. Yunoki, M. Mino, S. Mitsudo and V.L. Safonov, Influence of radiation damping on the threshold of auto-oscillations in YIG under parallel pumping 104–107 (1992) 1059  
 Yamazaki, H., see H. Maruyama 104–107 (1992) 2055  
 Yanagisawa, T., Spin correlation in fermion-doped nonlinear sigma model 104–107 (1992) 541  
 Yanagisawa, T., see R. Konno 104–107 (1992) 649  
 Yanase, A., see H. Harima 108 (1992) 145  
 Yang, C.J., S.D. Choi and W.Y. Lee, The effect of Laves phase on the magnetic properties of Fe–Co–Nd–B alloys 96 (1991) 60  
 Yang, D.P., W.A. Hines, W.G. Clark, F.L.A. Machado, L.A. Azevedo, B.C. Giessen and M.X. Quan, Magnetization study of the  $\text{I-Al}_{80}\text{Mn}_{20}$  and  $\text{T-Al}_{78}\text{Mn}_{22}$  quasicrystalline phases 109 (1992) 1  
 Yang, F.M., see R.J. Radwański 101 (1991) 392  
 Yang, F.-M., see N. Tang 104–107 (1992) 1086  
 Yang, F.-M., see B.-G. Shen 104–107 (1992) 1088  
 Yang, F.-M., B.-G. Shen and Y.-C. Yang, Some research progress in R–Fe hard magnetic materials in China 104–107 (1992) 1102  
 Yang, F.M., see R.J. Radwański 104–107 (1992) 1139  
 Yang, F.-M., see L.-Y. Yang 104–107 (1992) 1191  
 Yang, F.-M., see B.-G. Shen 104–107 (1992) 1281  
 Yang, F.M., see J.P. Kuang 104–107 (1992) 1475  
 Yang, F.-M., see B.-G. Shen 104–107 (1992) 2021  
 Yang, H.-Y., see B.-G. Shen 104–107 (1992) 1281  
 Yang, J.-P., S.H. Pi, Y.P. Kim and Y.G. Kim, Influence of oxygen on the structure of Nd-rich phase in the sintered  $\text{Nd}_{15}\text{Fe}_{77}\text{B}_8$  magnet (*Letter to the Editor*) 110 (1992) L261  
 Yang, L.-y., see B.-g. Shen 92 (1990) L30  
 Yang, L.-y., see B.-g. Shen 96 (1991) 335  
 Yang, L.-y., see H.-q. Guo 99 (1991) 199  
 Yang, L.-Y., see B.-G. Shen 104–107 (1992) 1088  
 Yang, L.-Y., B.-G. Shen, J.-X. Zhang, J.-G. Zhao, H.-Q. Guo and F.-M. Yang, Magnetism of rapidly quenched  $(\text{Fe}_{1-x}\text{Nd}_x)_{75}\text{B}_{25}$  alloys 104–107 (1992) 1191  
 Yang, L.-Y., see B.-G. Shen 104–107 (1992) 2021  
 Yang, X.-B. and T. Miyazaki, Soft magnetic properties of evaporated Fe–Al–Ti alloy films 102 (1991) 139  
 Yang, Y.-C., see F.-M. Yang 104–107 (1992) 1102  
 Yang, Y.-C., X.-D. Zhang, Q. Pan and L.-S. Kong, Magnetocrystalline anisotropy of  $\text{TbTiFe}_{11}\text{N}_{1-\delta}$  and  $\text{DyTiFe}_{11}\text{N}_{1-\delta}$  104–107 (1992) 1353  
 Yang, Y.S., see T.E. Mason 104–107 (1992) 197  
 Yano, K., E. Kita, K. Tokumitsu, H. Ino and A. Tasaki, Ferrimagnetic ordering in melt-spun  $\text{Fe}_{100-x}\text{Gd}_x$  ( $18 \leq x \leq 70$ ) alloys 104–107 (1992) 131  
 Yao, Y.D., see S.U. Jen 96 (1991) 82  
 Yao, Y.D., see S.J. Tzeng 104–107 (1992) 889  
 Yaoi, T., see T. Miyazaki 98 (1991) L7  
 Yaouanc, A., see P. Dalmas de Réotier 104–107 (1992) 1267  
 Yaouanc, A., see P.C.M. Gubbens 104–107 (1992) 1269  
 Yaron, U., see I. Felner 104–107 (1992) 543  
 Yasui, H., M. Ohashi, S. Abe, H. Yoshida, T. Kaneko, Y. Yamaguchi and T. Suzuki, Magnetic order-order transformation in  $\text{Mn}_3\text{Pt}$  104–107 (1992) 927  
 Yasui, H., see T. Kaneko 104–107 (1992) 1949  
 Yasui, H., see T. Kaneko 104–107 (1992) 1951  
 Yasuoka, H., see T. Machi 104–107 (1992) 635  
 Yasuoka, H., see K. Zenmyo 104–107 (1992) 1615  
 Yasuoka, H., see K. Takanashi 104–107 (1992) 1751  
 Yasuoka, H., see Y. Suzuki 104–107 (1992) 1843  
 Yata, M., see H. Aoki 104–107 (1992) 1905  
 Ye, M., see B. Lührmann 96 (1991) 237  
 Ye, W., see L. Jirman 104–107 (1992) 19  
 Yeh, T., J.M. Sivertsen and J.H. Judy, Correlation of structure/micromagnetic character of rf sputtered Co/Cr, CoCr/Cr and CoCrTa/Cr thin films 104–107 (1992) 1879  
 Yelon, W.B., see M. Yethiraj 97 (1991) 45  
 Yelon, W.B., see Y.Z. Wang 104–107 (1992) 1132  
 Yethiraj, M., W.B. Yelon and K.H.J. Buschow, Magnetic structure of rare-earth–iron carbides 97 (1991) 45



- Yin, S., see P.J. Hakonen 104–107 (1992) 903
- Yin, X.J., see P.J. McGuinness 104–107 (1992) 1169
- Yip, S.Y., see W.M. Fairbairn 93 (1991) 407
- Yiping, L., G.C. Hadjipanayis, C.M. Sorensen and K.J. Klabunde, Size effects on the magnetic properties of Fe–Co–B powders 104–107 (1992) 1545
- Yogi, T., see P.I. Mayo 95 (1991) 109
- Yokoyama, Y., Y. Suzuki, H. Obara, S. Yoshida and Y. Hasumi, Flux density distribution in disk-shaped superconducting thin films determined using iron garnet films 104–107 (1992) 559
- Yonnet, J.-P., see S. Pelissier 101 (1991) 335
- Yoshida, A., see T. Jo 104–107 (1992) 2087
- Yoshida, H., see T. Kamimura 104–107 (1992) 255
- Yoshida, H., see H. Yasui 104–107 (1992) 927
- Yoshida, H., see M. Ohashi 104–107 (1992) 1383
- Yoshida, H., see K. Yagasaki 104–107 (1992) 1389
- Yoshida, H., see S. Abe 104–107 (1992) 1397
- Yoshida, H., see T. Kaneko 104–107 (1992) 1401
- Yoshida, H., see T. Kanomata 104–107 (1992) 1957
- Yoshida, H., T. Kaneko, M. Yuzuri, Y. Adachi, T. Kanomata and T. Suzuki, Spontaneous volume magnetostriction in  $\text{CrTe}_{1-x}\text{Se}_x$  104–107 (1992) 1983
- Yoshida, H., see S. Abe 104–107 (1992) 2059
- Yoshida, H., see M. Matsumoto 104–107 (1992) 2061
- Yoshida, H., see T. Kanomata 104–107 (1992) 2063
- Yoshida, K., see M. Motokawa 104–107 (1992) 947
- Yoshida, S., see Y. Yokoyama 104–107 (1992) 559
- Yoshida, Y., see A. Pöisinger 104–107 (1992) 1597
- Yoshie, H., S. Ozasa, K. Adachi, H. Nagai, M. Shiga and Y. Nakamura, Nuclear magnetic resonance of  $^{59}\text{Co}$  in  $\text{Gd}_2\text{Co}_7$  104–107 (1992) 1449
- Yoshie, H., see Y. Amako 104–107 (1992) 1451
- Yoshihara, A., Y. Shimada, T. Maro, O. Kitakami and K. Mizushima, Brillouin scattering in Fe–polyethylene co-evaporated films 104–107 (1992) 1835
- Yoshimura, K., see N. Pillmayr 104–107 (1992) 639
- Yoshimura, K., see R.G. Graham 104–107 (1992) 641
- Yoshimura, K., see T. Matsumoto 104–107 (1992) 647
- Yoshizawa, H., see M. Mekata 104–107 (1992) 823
- Yoshizawa, H., see M. Mekata 104–107 (1992) 859
- Yoshizawa, H., see A. Ito 104–107 (1992) 1637
- Yoshizawa, M., see K. Ikeda 100 (1991) 292
- Yoshizawa, S., see K. Tenya 104–107 (1992) 485
- Yosida, T., see K. Kindo 104–107 (1992) 811
- Yosida, T., see T. Takeuchi 104–107 (1992) 813
- Young, A.P., see D.P. Belanger 100 (1991) 272
- Yu, M.-j., see J.-z. Liang 102 (1991) 217
- Yu, M.-J., see N. Tang 104–107 (1992) 1086
- Yu, S.C., J.W. Lynn, J.J. Rhyne and G.E. Fish, Low temperature magnetization and magnetic excitations in amorphous  $\text{Fe}_{78}\text{B}_{13}\text{Si}_9$  97 (1991) 286
- Yu, X.Y., see S. Tsunashima 104–107 (1992) 1021
- Yu, Z.-q., see G.-q. Liu 96 (1991) 155
- Yuan, J., Magnetic excitations in pentagonal quasicrystals (*Letter to the Editor*) 96 (1991) L17
- Yuan, Y., J. Theile and J. Engemann, Measurement of the Meissner effect by a magneto-optic ac method using ferrimagnetic garnet films 95 (1991) 58
- Yuan, Y., see B.S. Han 104–107 (1992) 305
- Yuasa, S., see H. Miyajima 104–107 (1992) 2025
- Yuen, T., C.L. Lin, J.E. Crow and N. Bykovetz,  $^{119}\text{Sn}$  Mössbauer study of magnetic structure in Sn-doped  $\text{UPb}_3$  and  $\text{UIn}_3$  109 (1992) 98
- Yun, S.W., see K. Satoh 104–107 (1992) 39
- Yung, S.W., Y.H. Chang, T.H. Wong and M.P. Hung, Magnetic properties of vacuum deposited iron–beryllium films 98 (1991) 341
- Yunoki, Y., see H. Yamazaki 104–107 (1992) 1059
- Yusu, K., see K. Inomata 110 (1992) 233
- Yusuf, N.A., see H. Abu-Safia 103 (1992) 19
- Yuzuri, M., T. Nakagawa and M. Sugimoto, Magnetic properties of annealed and quenched  $\text{Cr}_7\text{Se}_{8-x}\text{Te}_x$  systems 104–107 (1992) 885
- Yuzuri, M., see Y. Adachi 104–107 (1992) 887
- Yuzuri, M., see H. Yoshida 104–107 (1992) 1983
- Zabel, H., see Ch. Morawe 102 (1991) 223
- Záboj, R., P. Stefányi and A. Feher, Heat capacity investigation of the low energy electronic states in  $\text{CsGd}(\text{MoO}_4)_2$  and  $\text{CsDy}(\text{MoO}_4)_2$  104–107 (1992) 953
- Zach, R., R. Fruchart, D. Fruchart, S. Kaprzyk and S. Nizioł, High pressure study of  $\text{MnRhAs}_{1-x}\text{P}_x$  system 104–107 (1992) 1929
- Zadro, K., Ď. Drobač and Ž. Maronnič, Critical behaviour near the magnetic percolation threshold 104–107 (1992) 271
- Zadro, K., see S. Sabolek 110 (1992) L25
- Zadro, K., see J. Horvat 110 (1992) 215
- Zahvalinski, V., see E. Lähderanta 104–107 (1992) 1605
- Zak, J., see M.E. Brubaker 103 (1992) L7
- Žák, T., see O. Schneeweiss 103 (1992) 250
- Zakosarenko, V., see R. Laiho 104–107 (1992) 491
- Zakrzewska, K., see S. Kaprzyk 104–107 (1992) 2019
- Zaporozhets, V.V., see S.A. Vyzulin 101 (1991) 153
- Zarek, W., M. Tuszyński and E.S. Popiel, Magnetic properties of  $\text{Fe}_{2.6}\text{V}_{1.4-x}\text{Al}_x$  alloys 104–107 (1992) 2067
- Zarubina, T.V., see I.S. Edelman 110 (1992) 99
- Zaspel, C.E., Susceptibility of interacting chains of trimers: application to bis(isopropylammonium) tetrachlorocuprate 98 (1991) 53

- Zaspel, C.E., Calculation of the exchange constants of antiferromagnetic oligomers: dependence of  $J$  on the degree of oligomerization 102 (1991) 96
- Załoski, L., see A. Slawska-Waniewska 101 (1991) 40
- Zawadzki, J., see R. Szymczak 104–107 (1992) 321
- Zbroszczyk, J., J. Świerczek, W. Ciurzyńska, M. Baran, B. Wysłocki and S. Szymura, Approach to magnetic saturation in amorphous Co–Fe–Si–B ribbons after surface and heat treatment 109 (1992) 221
- Zeiske, T., see M. Winkelmann 104–107 (1992) 871
- Zelený, M., The effects of individual components on magnetic behaviour of UNiGa and UCoGa intermetallic compounds 94 (1991) 85
- Zelený, M., M. Rotter, W. Suski, A. Baran and F. Zounová, Magnetic properties of  $\text{UFe}_8\text{Al}_4$  and  $\text{UFe}_{10}\text{X}_2$  ( $\text{X} = \text{Mo}, \text{Si}$ ) 98 (1991) 25
- Zeller, R., see P.H. Dederichs 100 (1991) 241
- Zeng, Z., see Z.q. Li 98 (1991) 47
- Zeng, Z., see Q.-Q. Zheng 104–107 (1992) 1019
- Zeng, Z., Q.-Q. Zheng, W.-Y. Lai and C.Y. Pan, Electronic structure and magnetic properties of  $\text{R}_2\text{Fe}_{17}\text{N}_3$  104–107 (1992) 1157
- Zenmyo, K., H. Kubo, S. Kanbe and H. Yasuoka, NMR study of random mixture with competing interactions:  $\text{Co}_{1-x}\text{Mn}_x\text{Cl}_2 \cdot 2\text{H}_2\text{O}$  104–107 (1992) 1615
- Zentko, A., see A. Sólyom 101 (1991) 109
- Zentko, A., see M. Zentková 102 (1991) L1
- Zentko, A., V. Hajko, M. Timko and A. Zentková, Room temperature superconductivity in oxide layers on rapidly quenched Cu(Y, Ba) ribbons 104–107 (1992) 581
- Zentková, A., see A. Zentko 104–107 (1992) 581
- Zentková, M., J. Kováč, A. Zentko and A. Košturiak, Ferromagnetism in Cu 3-thiosemicarbazone–2,3-dioxindole complexes (*Letter to the Editor*) 102 (1991) L1
- Zeper, B., see M. Vohl 93 (1991) 403
- Zeper, W.B., see H. Ebert 93 (1991) 601
- Zerguine, M., see A. de Visser 108 (1992) 59
- Zevin, V., see A. Schiller 108 (1992) 196
- Zhai, H., see Z. Hu 104–107 (1992) 1583
- Zhai, H.R., see B.X. Gu 97 (1991) 40
- Zhai, H.R., S.M. Zhou, M. Lu, Y.Z. Miao, B.X. Gu, S.L. Zhang, H. Wang and H.B. Huang, The magneto-optical Kerr effect of Fe/Au–Cu and Fe/Al–Cu bilayers 104–107 (1992) 1015
- Zhai, H.R., Y.B. Xu, M. Lu and Y.Z. Miao, Enhancement of magneto-optical Kerr effect in layered films 104–107 (1992) 1027
- Zhai, H.R., H. Wang, M. Lu, H.Y. Zhang, S.M. Zhou, Y.H. Liu, L. Zhang and L.M. Mei, Magnetic properties and MOKE spectra of Fe/Pd CMF 104–107 (1992) 1825
- Zhai, H.R., see H. Wang 104–107 (1992) 1827
- Zhan, W.-s., see B.-g. Shen 96 (1991) 335
- Zhang, D.y., see G.m. Wang 97 (1991) 73
- Zhang, F.Y., see D. Gignoux 97 (1991) 15
- Zhang, F.Y., see D. Gignoux 98 (1991) 333
- Zhang, F.Y., see A.R. Ball 104–107 (1992) 170
- Zhang, F.Y., see A.R. Ball 110 (1992) 343
- Zhang, H., J.W. Lynn and D.E. Morris, Two-dimensional bilayer magnetic order of Dy ions in  $\text{Dy}_2\text{Ba}_4\text{Cu}_7\text{O}_{15}$  104–107 (1992) 821
- Zhang, H.Y., see H.R. Zhai 104–107 (1992) 1825
- Zhang, H.Y., see H. Wang 104–107 (1992) 1827
- Zhang, J.-x., see B.-g. Shen 92 (1990) L30
- Zhang, J.-x., see B.-g. Shen 96 (1991) 335
- Zhang, J.-X., see B.-G. Shen 104–107 (1992) 1088
- Zhang, J.-X., see L.-Y. Yang 104–107 (1992) 1191
- Zhang, L., see H.R. Zhai 104–107 (1992) 1825
- Zhang, L., see H. Wang 104–107 (1992) 1827
- Zhang, L.-K., see Z.-W. Zhang 92 (1990) 196
- Zhang, L.Y., M. Huang and W.E. Wallace, Structural and magnetic characteristics of the  $\text{Cfmm}_2\text{Fe}_{14-x}\text{Co}_x$  B system (Cfmm = Ce-free misch-metal) 103 (1992) 245
- Zhang, S., see R.-Y. Fang 104–107 (1992) 1031
- Zhang, S.F., see P.M. Levy 93 (1991) 67
- Zhang, S.L., see H.R. Zhai 104–107 (1992) 1015
- Zhang, X.-D., see Y.-C. Yang 104–107 (1992) 1353
- Zhang, X.J., see P.J. McGuinness 104–107 (1992) 1169
- Zhang, X.-X., see R.-Y. Fang 104–107 (1992) 1031
- Zhang, X.X., see L.L. Balcells 109 (1992) L159
- Zhang, Y.D., J.I. Budnick, J.C. Ford and W.A. Hines, Some application of NMR to the study of magnetically-ordered materials with emphasis on the short-range order in (Fe–B)-based crystalline and amorphous alloys 100 (1991) 13
- Zhang, Y.L., see L.M. Mei 104–107 (1992) 1903
- Zhang, Z.-d., X.K. Sun, Z.-g. Zhao and Y.C. Chuang, Interpretation of the magnetocrystalline anisotropy of  $(\text{Pr}, \text{Y})_2\text{Fe}_{14}\text{B}$  compounds by a new model based on the single-ion theory 92 (1990) 191
- Zhang, Z.-d., see Z.-w. Zhang 96 (1991) 206
- Zhang, Z.-d., X.K. Sun, Z.-c. Zhong, Y.C. Chuang and F.R. de Boer, Effects of partial Co substitution on structural and magnetic properties of  $(\text{Pr}, \text{Gd})_2\text{Fe}_{14}\text{B}$  compounds 96 (1991) 215

- Zhang, Z.-d., X.K. Sun, Z.-g. Zhao, Y.C. Chuang and F.R. de Boer, Temperature dependence of the magnetic properties of the rare-earth-transition-metal intermetallic  $\text{Lu}_2\text{Fe}_{14}\text{C}$  96 (1991) 219
- Zhang, Z.-d., see Z.-g. Zhao 97 (1991) 79
- Zhang, Z.-D., see T. Zhao 104–107 (1992) 2119
- Zhang, Z.-W., R.-W. Huang, M.-Z. Dang and L.-K. Zhang, The magnetic anisotropy of  $\text{R}_2\text{Fe}_{14}\text{B}$  ( $\text{R} = \text{Nd}, \text{Pr}$ ) and error analysis 92 (1990) 196
- Zhang, Z.-w., Z.-d. Zhang, X.K. Sun, Y.C. Chuang and F.R. de Boer, Spin reorientation and exchange interactions in  $(\text{Nd}, \text{R})_2\text{Fe}_{14}\text{B}$  ( $\text{R} = \text{Y}, \text{Gd}$ ) 96 (1991) 206
- Zhang, Z.-y., see B.-g. Shen 92 (1990) 53
- Zhao, J., see M. Wan 104–107 (1992) 2096
- Zhao, J.-g., see B.-g. Shen 92 (1990) L30
- Zhao, J.-g., see B.-g. Shen 92 (1990) 53
- Zhao, J.-g., see B.-g. Shen 96 (1991) 335
- Zhao, J.-g., see H.-q. Guo 99 (1991) 199
- Zhao, J.-G., see L.-Y. Yang 104–107 (1992) 1191
- Zhao, J.-G., see B.-G. Shen 104–107 (1992) 1281
- Zhao, T., X.-K. Sun, Z.-D. Zhang, Q. Wang, Y.C. Chuang and F.R. de Boer, Analysis on three different magnetization processes: FOMP, SOMP and quasi-FOMP 104–107 (1992) 2119
- Zhao, T.-s., see X.-f. Han 102 (1991) 151
- Zhao, T.S., X.C. Kou, R. Grössinger and H.R. Kirchmayr, Magnetic anisotropy and crystal field in  $\text{Nd}_2\text{-Fe}_{14}\text{C}$  104–107 (1992) 1347
- Zhao, Z.-g., see Z.-d. Zhang 92 (1990) 191
- Zhao, Z.-g., X.K. Sun, Q. Wan, W. Liu and Y.C. Chuang, Magnetocrystalline anisotropy in  $\text{R}_2\text{Fe}_{14-x}\text{Co}_x\text{B}_{1-y}\text{C}_y$  compounds ( $\text{R} = \text{Nd}, \text{Pr}$ ) 96 (1991) 211
- Zhao, Z.-g., see Z.-d. Zhang 96 (1991) 219
- Zhao, Z.-g., X.K. Sun, Q. Wan, W. Liu, Z.-d. Zhang, Y.C. Chuang and F.R. de Boer, Structure and magnetic properties of  $(\text{Nd}, \text{Pr})_2\text{Fe}_{14}(\text{B}, \text{C})$  compounds 97 (1991) 79
- Zhao, Z.-g., J.-y. Wang, Y.-p. Ge, X.K. Sun and Y.C. Chuang, Magnetization and magnetocrystalline anisotropy in  $\text{YCo}_4\text{B}$  compound (*Letter to the Editor*) 98 (1991) L231
- Zhao, Z.-G., W. Qun, X.K. Sun, Y.C. Chuang and F.R. de Boer, Magnetization and magnetic anisotropy of  $(\text{Nd}, \text{Pr})_2\text{Fe}_{17}\text{C}_{0.9}$  compounds 104–107 (1992) 1287
- Zhao, Z.-G., Y.-P. Ge, J.-Y. Wang, X.K. Sun and Y.C. Chuang, Magnetic properties of  $\text{YCo}_4\text{B}$  compound 104–107 (1992) 1289
- Zhao, Z.-g., see Q. Wang 109 (1992) 59
- Zheng, Q.-q., see Z.-q. Li 98 (1991) 47
- Zheng, Q.-Q., Z. Zeng, W.-Y. Lai, Z.-Q. Li and C.Y. Pan, The influence of Al on the electronic structure and magnetic properties of doped  $\text{MnBi}$  with huge enhancement of Kerr rotation 104–107 (1992) 1019
- Zheng, Q.-Q., see Z. Zeng 104–107 (1992) 1157
- Zheng, Q.-Q., see L.-J. Zhou 109 (1992) 237
- Zheng, Y., see M.Q. Huang 102 (1991) 91
- Zheng, Y., see A.E. Clark 104–107 (1992) 1433
- Zhigunov, D.I., see S.N. Barilo 102 (1991) 30
- Zhigunov, D.I., see T. Chattopadhyay 104–107 (1992) 607
- Zhong, O.M., A.S. Arrott, B. Heinrich and Z. Celinski, Magneto-optic response in ultrathin Ni-Fe bilayers 104–107 (1992) 1837
- Zhong, X.P., F.R. de Boer, T.H. Jacobs and K.H.J. Buschow, Magnetic coupling in rare-earth compounds of the type  $\text{R}_2\text{Ni}_{17}$  92 (1990) 46
- Zhong, X.P., see F.R. de Boer 101 (1991) 3
- Zhong, X.P., see R.J. Radwański 101 (1991) 392
- Zhong, X.P., see F.R. de Boer 104–107 (1992) 113
- Zhong, X.P., see R.J. Radwański 104–107 (1992) 1139
- Zhong, X.P., see W.H. Qiao 110 (1992) 170
- Zhong, Z.-c., see Z.-d. Zhang 96 (1991) 215
- Zhorin, P.V., Yu.A. Lisovsky, I.G. Nikulov and V.L. Stolyarov, Magnetic texture in films with perpendicular anisotropy 109 (1992) 375
- Zhou, G.F., see X.K. Sun 96 (1991) 197
- Zhou, G.F., see T.H. Jacobs 104–107 (1992) 1275
- Zhou, G.F., X. Li, F.R. de Boer and K.H.J. Buschow, Magnetic coupling in rare-earth compounds of the type  $\text{RCO}_{12}\text{B}_6$  109 (1992) 265
- Zhou, L.-J. and Q.-Q. Zheng, The effect of charge fluctuation and transfer on the exchange interaction in rare-earth and actinide systems 109 (1992) 237
- Zhou, P., see T.E. Grigereit 104–107 (1992) 831
- Zhou, R.J., M. Rosenberg, L. Schultz and K. Schnitzke, Uniaxial magnetic anisotropy and preferential substitution of Zr for Sm on 6(c) sites in  $\text{Sm}_{1-x}\text{Zr}_x\text{Fe}_3$  intermetallics 109 (1992) 209
- Zhou, S.M., see H.R. Zhai 104–107 (1992) 1015
- Zhou, S.M., see H.R. Zhai 104–107 (1992) 1825
- Zhou, S.z., see W.z. Tang 94 (1991) 67
- Zhu, J.-G., Coercivity angular dependence in longitudinal thin film media 109 (1992) 367
- Zhukov, V.A., see H. Maletta 104–107 (1992) 495
- Zięba, A., see H. Fjellvåg 92 (1990) 75
- Zieba, A., C.C. Becerra, N.F. Oliveira, Jr., H. Fjellvåg and A. Kjekshus,  $\text{Mn}_{0.9}\text{Co}_{0.1}\text{P}$  in field parallel to hard



- direction: phase diagram and irreversibility of CONE phase 104–107 (1992) 71
- Ziebeck, K.R.A., see H.M. Murphy 104–107 (1992) 657
- Ziebeck, K.R.A., see I.K. Jassim 104–107 (1992) 2072
- Ziebeck, K.R.A., see P.J. Brown 104–107 (1992) 2083
- Ziegler, A., Cluster approximation to the Anderson and to the Hubbard model 104–107 (1992) 669
- Ziegler, A., A simple model for the interpretation of spin-polarized photoemission spectra of ferromagnetic metals 104–107 (1992) 671
- Ziegler, K., Disordered magnetic systems in two dimensions 96 (1991) 77
- Zientek, P., see R.J. Pollard 104–107 (1992) 1557
- Ziese, M., J. Kötzler, M. Pieper, A. Spigatis and R. Behr, On the vortex dynamics in Bi(2212) 104–107 (1992) 537
- Zimmels, Y., The chemical potential of continuum and discretized polarizable matter in electromagnetic fields 103 (1992) 257
- Zimmermann, L. and J. Miltat, Instability of bubble radial motion associated with chirality changes 94 (1991) 207
- Zini, G., see G. Buttino 97 (1991) 135
- Zinn, W., see A. Fuß 103 (1992) L221
- Zinn, W., see U. Köbler 103 (1992) 236
- Zinn, W., see A. Campos 104–107 (1992) 431
- Zintl, W., see R. Hübner 104–107 (1992) 965
- Ziq, K.A. and J.S. Kouvel, Rotational behavior and symmetry of the induced anisotropy in a Cu–Mn spin-glass alloy 98 (1991) 245
- Zittartz, J., see J. Sznajd 104–107 (1992) 222
- Zlatić, V., see I. Kos 104–107 (1992) 575
- Zlatić, V. and B. Horvatić, Weak coupling results for Hubbard model in one and two dimensions 104–107 (1992) 593
- Zochowski, S., see E.M. Forgan 104–107 (1992) 911
- Zochowski, S., see E.M. Forgan 104–107 (1992) 1519
- Zochowski, S., see E.M. Forgan 104–107 (1992) 1521
- Zochowski, S.W. and K.A. McEwen, Magnetic phase diagram of thulium 104–107 (1992) 1515
- Zorin, I.A., see N.A. Belous 110 (1992) 197
- Zounová, F., see M. Zelený 98 (1991) 25
- Žuberek, R., see M. Lubecka 93 (1991) 432
- Žuberek, R., H. Szymczak, R. Krishnan and T. Morishita, Magnetic properties of Fe/Y multilayer thin films 93 (1991) 449
- Zuberek, R., H. Szymczak, R. Krishnan, H.O. Gupta, C. Sella and M. Kaabouchi, Magnetostriction of sputtered Co/C multilayers 101 (1991) 219
- Žuberek, R., H. Szymczak, D. Żymierska, G. Suran and M. Naili, Magnetostriction of amorphous CoZrM (M = Ti, Nb, Pt) thin films 104–107 (1992) 117
- Żukrowski, J., see A. Kozłowski 92 (1990) 155
- Zung, H., see M.S. Li 96 (1991) 175
- Zverev, V.M., see V.P. Silin 104–107 (1992) 701
- Zverev, V.V., see A.B. Borisov 110 (1992) 202
- Zvezdin, A.K. and S.N. Utochkin, Itinerant metamagnetism in f–d systems 104–107 (1992) 1479
- Zvyagin, A.I., see T. Chattopadhyay 104–107 (1992) 607
- Zweck, J., see M. Tewes 95 (1991) 43
- Zweck, J., J.N. Chapman, S. McVitie and H. Hoffmann, Reconstruction of induction distributions in thin films from DPC images 104–107 (1992) 315
- Zybin, S.V., see V.I. Kalikmanov 110 (1992) 91
- Zych, W., see W. Dudek 94 (1991) 243
- Zygmunt, A., see W. Bažela 96 (1991) 114
- Zygmunt, A., see J. Leciejewicz 97 (1991) 219
- Żymierska, D., see R. Žuberek 104–107 (1992) 117

## Subject index to volumes 92–110

- |                                     |   |                                   |  |
|-------------------------------------|---|-----------------------------------|--|
| Abrikosov vortex phase              | 110 (1991) 91   |                                   | 111, 135, 145, 149,<br>359, 1152   |
| Absorption coefficient              | 104–107 (1992) 1023   |                                   | 109 (1992) 27, 191, 221  |
| Acoustic emission                   | 101 (1991) 256  |                                   | 94 (1991) 29   |
| Acoustic phonon modes               | 104–107 (1992) 1295   | – alloys                          | 96 (1991) 13, 47, 162,<br>167, 335   |
| Acoustic properties                 | 110 (1991) 221  |                                   | 99 (1991) 222  |
| Acoustic spin wave                  | 104–107 (1992) 1295   |                                   | 100 (1991) 13, 57  |
| Actinides                           | 92 (1990) 162   |                                   | 102 (1991) 47, 56, 63, 297   |
|                                     | 94 (1991) 85  |                                   | 103 (1992) 81  |
|                                     | 95 (1991) 133   |                                   | 104–107 (1992) 87, 91,<br>103, 113, 128, 143,<br>155, 157, 159, 163,<br>165, 167, 397, 1563,<br>1583, 2021, 2079 |
|                                     | 96 (1991) 245   |                                   | 108 (1992) 161   |
|                                     | 97 (1991) 219   |                                   | 109 (1992) 117, 145, 169   |
|                                     | 98 (1991) 25, 147   | – ball milling                    | 97 (1991) 73   |
|                                     | 99 (1991) 95, 235   | – Co alloys                       | 110 (1991) 129   |
|                                     | 100 (1991) 126, 151, 186,<br>204, 292   | – composite material              | 110 (1991) 25  |
|                                     | 104–107 (1992) 7, 11, 13,<br>15, 17, 19, 21, 23, 27,<br>29, 31, 33, 35, 37, 41,<br>43, 45, 47, 49, 51, 53,<br>55, 57, 60, 63, 697 | – compositionally modulated films | 95 (1991) 199  |
|                                     | 108 (1992) 40, 115  | – ferromagnets                    | 92 (1990) 265  |
|                                     | 109 (1992) 98, 237  |                                   | 94 (1991) 153, 179   |
| – single crystals                   | 110 (1991) 299  |                                   | 97 (1991) 83   |
| – uranium compounds                 | 110 (1991) 299  |                                   | 98 (1991) 185  |
| Activation energies                 | 104–107 (1992) 407, 991   |                                   | 99 (1991) 167, 190   |
| Activation volume                   |   |                                   | 104–107 (1992) 73, 121,<br>123, 125, 271, 359  |
| – effective                         | 94 (1991) 43  |                                   | 93 (1991) 169, 174, 233,<br>237, 247, 257, 261,<br>489, 494, 503, 509  |
| Active states                       | 104–107 (1992) 267  | – films                           | 104–107 (1992) 117, 303,<br>981, 1009, 1033, 1755,<br>1769   |
| Actuator                            | 101 (1991) 75, 286, 335   |                                   | 100 (1991) 1   |
| – design                            | 104–107 (1992) 1135   |                                   | 109 (1992) 228   |
| Adaptive grid generation            | 101 (1991) 289  |                                   | 103 (1992) 37, 78  |
| Adiabatic magnetization             | 104–107 (1992) 901  |                                   | 98 (1991) 1  |
| Aftereffect                         | 94 (1991) 96  |                                   | 103 (1992) 117   |
|                                     | 104–107 (1992) 324, 361,<br>1115  | – glassy                          | 110 (1991) 32, 135, 161,<br>215  |
| Aging                               | 104–107 (1992) 1607,<br>1609, 1623  | – intermetallic glasses           | 104–107 (1992) 1676  |
| AlCo <sub>1-x</sub> Mn <sub>x</sub> | 104–107 (1992) 2040   | – ion                             | 101 (1991) 3, 29, 37, 52,<br>59, 65, 81, 199, 296  |
| Alkali metals                       | 110 (1991) 275  | – iron                            | 104–107 (1992) 157   |
| Almeida–Thouless                    | 104–107 (1992) 149, 1676  | – iron alloys                     | 104–107 (1992) 152   |
| Al <sub>2</sub> O <sub>3</sub> :Cr  | 104–107 (1992) 944  |                                   | 92 (1990) 181  |
| Amorphisation                       | 101 (1991) 207, 209   | – magnetic insulators             |  |
| Amorphous magnetism                 | 104–107 (1992) 1090   | – magnetic materials              |  |
| Amorphous materials                 | 104–107 (1992) 1893   |                                   |  |
| Amorphous phase                     | 104–107 (1992) 1903   | – magnetization processes         |  |
| Amorphous systems                   | 100 (1991) 1, 13, 57  | – magnets                         |  |
|                                     | 104–107 (1992) 85, 93, 95,  | – metallic glasses                |  |

- 94 (1991) 243
- 96 (1991) 341
- 97 (1991) 286
- 103 (1992) 97, 111
- 104–107 (1992) 85, 97, 100, 119, 359
- 109 (1992) 309, 341
- 100 (1991) 1
- 104–107 (1992) 89
- 92 (1990) 25
- 97 (1991) 135
- 100 (1991) 13
- 109 (1992) 64
- 103 (1992) 228
- 97 (1991) 40
- 101 (1991) 167
- 110 (1991) 139
- 92 (1990/91) 53, 137, 353
- 99 (1991) 103
- 104–107 (1992) 85, 1152, 1235
- 109 (1992) 64
- 95 (1991) 43
- 98 (1991) 155
- 101 (1991) 32, 62
- 104–107 (1992) 109, 341
- 96 (1991) 97
- 94 (1991) 247, 357
- 101 (1991) 211
- 109 (1992) 341
- 98 (1991) 119
- 92 (1990) 92, 207
- 104–107 (1992) 2085
- 96 (1991) 321
- 101 (1991) 47
- 104–107 (1992) 327
- 110 (1991) 135
- 101 (1991) 263
- 108 (1992) 196
- 108 (1992) 127
- 104–107 (1992) 1699, 2079, 2105
- 104–107 (1992) 593, 1327
- 108 (1992) 129, 179, 215
- 100 (1991) 544
- 100 (1991) 544
- 104–107 (1992) 1907
- 104–107 (1992) 43, 1673
- 104–107 (1992) 589
- 104–107 (1992) 601
- 93 (1991) 194, 215, 315, 336, 345, 462, 465, 469, 562, 571, 592, 605
- 100 (1991) 38, 79, 99, 173, 218, 440, 481, 497, 515
- 103 (1992) 228
- 104–107 (1992) 19, 73, 93, 145, 155, 425, 605, 1102, 1152, 1211, 1229, 1287, 1369, 1431, 1433, 1537, 1803, 1837, 1868, 2003, 2089
- 108 (1992) 167
- 109 (1992) 332
- 104–107 (1992) 187, 931, 1051, 1363, 1637
- 99 (1991) 123
- 100 (1991) 497
- 102 (1991) 63
- 103 (1992) 274
- 104–107 (1992) 189
- 92 (1990) 185
- 104–107 (1992) 119, 613, 1789
- 109 (1992) 323
- 92 (1990) 279
- 97 (1991) 171
- 99 (1991) 222
- 92 (1990) 68
- 95 (1991) 237
- 102 (1991) 247
- 103 (1992) 274
- 104–107 (1992) 1889, 1891
- 109 (1992) 375
- 101 (1991) 155
- 104–107 (1992) 431
- 95 (1991) 145
- 96 (1991) 167
- 98 (1991) 245
- 101 (1991) 6, 16, 35, 40
- 103 (1992) 97
- 104–107 (1992) 107, 137, 361
- 104–107 (1992) 333
- 110 (1991) 113
- 109 (1992) 228
- 101 (1991) 11
- 94 (1991) 29
- 99 (1991) 71, 204
- 101 (1991) 1, 213, 217, 253, 291, 301, 349, 399, 421, 424
- 102 (1991) 247, 266
- 104–107 (1992) 7, 43, 449, 469, 623, 1033, 1113, 1132, 1221, 1289, 1295, 1301, 1361, 1437, 1453, 1463, 1513, 1717, 1725, 1769, 1798, 1801, 1805, 1816, 1831, 1847, 1855, 1861,
- metals
- Metglas
- multilayers
- oxides
- permanent magnets
- powders
- rare-earth alloys
- rare-earth compounds
- RE–TM alloys
- ribbons
- soft-magnetic
- thin films
- TM–metalloid alloys
- transition-metal alloys
- transition metals
- wires
- Analysis of recording components
- Anderson impurity model
- Anderson lattice
- Anderson localization
- Anderson model
- Anharmonicity
- normal modes
- Anisotropic effects
- Anisotropic exchange
- Anisotropic magnetic fluctuations
- Anisotropic superconductivity
- Anisotropy
- competing
- direction
- energy
- Fe alloys
- Fe compounds
- ferromagnetic particles
- field-induced
- fields
- films
- growth-induced
- heat-treatment induced
- induced
- induced unidirectional
- interface
- local
- local fluctuations
- magnetic



- 1863, 1871, 1887,  
1921, 1942, 1995, 2047
- magnetization processes 103 (1992) 1  
110 (1991) 343
- magnetocrystalline 92 (1990) 14, 143, 191  
94 (1991) 57, 235  
95 (1991) 118  
96 (1991) 29, 47, 189,  
211, 215, 219, 230  
98 (1991) 231, 349  
99 (1991) 55, 133, 229  
101 (1991) 97, 134, 333  
103 (1992) 245  
104–107 (1992) 15, 737,  
1081, 1152, 1198,  
1219, 1231, 1331,  
1333, 1341, 1347,  
1353, 1367, 1473, 1772  
109 (1992) 59, 133, 151,  
153, 209, 271, 275,  
367  
110 (1991) 15, 61
- magnetocrystalline surface 100 (1991) 497
- magnetoelastic 94 (1991) 247
- multilayers 103 (1992) 47  
110 (1991) 113  
98 (1991) 210
- particles 101 (1991) 170
- planar 98 (1991) 273
- random 102 (1991) 283  
104–107 (1992) 103, 115,  
123, 133, 149  
92 (1990) 196  
97 (1991) 79  
98 (1991) 141  
99 (1991) 103  
100 (1991) 38, 79, 99, 173,  
218  
103 (1992) 157  
104–107 (1992) 93, 1391,  
1394  
109 (1992) 59  
97 (1991) 102
- reversal 96 (1991) 1, 7
- reversed magnetic 99 (1991) 261
- rhombic 102 (1991) 144
- single-ion 100 (1991) 515
- strain induced 101 (1991) 253
- stress 104–107 (1992) 119  
96 (1991) 82  
99 (1991) 215  
100 (1991) 440, 481, 497  
103 (1992) 47  
104–107 (1992) 1857, 1863  
109 (1992) 64, 341
- temperature dependent 109 (1992) 271  
110 (1991) 15
- theory 100 (1991) 497  
104–107 (1992) 387
- thin films 109 (1992) 301, 367
- torque measurements 110 (1991) 61
- uniaxial 100 (1991) 515  
101 (1991) 11  
109 (1992) 353  
110 (1991) 91, 202, 343  
96 (1991) 47
- vanishing
- Anisotropy model 104–107 (1992) 125  
– random local 104–107 (1992) 157  
– random magnetic 101 (1991) 27, 59, 217  
101 (1991) 189
- Annealing 101 (1991) 55, 57  
– laser 101 (1991) 1, 16  
– short time 101 (1991) 40  
– stress 101 (1991) 128  
– stress field 104–107 (1992) 1749
- Anomalous grain growth 92 (1990/91) 129,  
381  
104–107 (1992) 201  
99 (1991) 20, 81
- Anomalous Hall effect 109 (1992) 298
- Antiferromagnet 96 (1991) 245  
92 (1991) 291  
92 (1990) 6  
95 (1991) 154, 168, 175  
96 (1991) 121  
97 (1991) 263  
100 (1991) 99, 126, 204,  
218, 261, 346, 425,  
497, 527, 544  
101 (1991) 162  
103 (1992) 1, 285  
104–107 (1992) 11, 17, 19,  
21, 43, 51, 53, 55, 187,  
199, 267, 269, 287,  
350, 499, 505, 541,  
577, 579, 583, 585,  
596, 611, 689, 693,  
697, 699, 735, 747,  
757, 761, 766, 799,  
809, 813, 839, 855,  
857, 874, 885, 887,  
903, 908, 927, 929,  
939, 949, 951, 959,  
1065, 1079, 1185,  
1187, 1237, 1249,  
1383, 1397, 1401,  
1403, 1481, 1485,  
1501, 1531, 1603,  
1607, 1741, 1896,  
1999, 2017, 2025,  
2043, 2045, 2061,  
2077, 2109
- Antiferromagnetic coupling  
– in multilayers
- Antiferromagnetic ordering
- Antiferromagnetic resonance
- Antiferromagnetism

- 108 (1992) 15, 63, 67, 93,  
125, 175, 193, 211
- 109 (1992) 197, 305
- 110 (1992) 61, 185
- 104–107 (1992) 1887
- 104–107 (1992) 243
- 104–107 (1992) 1689
- 104–107 (1992) 863
- 104–107 (1992) 1245
- 108 (1992) 207
- 108 (1992) 202
- 104–107 (1992) 607
- 104–107 (1992) 999
- 104–107 (1992) 461
- 104–107 (1992) 805
- 108 (1992) 177
- 100 (1991) 261
- 104–107 (1992) 1684
- 98 (1991) 273
- Artificial superlattices 104–107 (1992) 1763,  
1772, 1885, 1896
- Asperomagnetism 103 (1992) 37
- Astrophysics 94 (1991) 141, 311  
96 (1991) 291
- ASW method 103 (1992) 314
- Atomic moments 104–107 (1992) 1699
- Atomic-sphere approximation 110 (1991) 29
- Autocorrelation function 104–107 (1992) 1671
- Automatic measuring system 104–107 (1992) 375
- Auto-oscillations 104–107 (1992) 1043
- Back scattering
  - Rutherford 104–107 (1992) 1751
- Ball milling 97 (1991) 73
- Band calculations 98 (1991) 85  
104–107 (1992) 65, 681,  
683, 685, 695, 703,  
727, 1308, 1533, 1923,  
1933, 1965, 1967,  
2019, 2037  
108 (1992) 145, 153  
109 (1992) 153  
104–107 (1992) 1684  
100 (1991) 481  
97 (1991) 31  
98 (1991) 85  
99 (1991) 55, 85  
100 (1991) 322, 481, 497,  
527  
101 (1991) 251  
103 (1992) 212, 314  
104–107 (1992) 23, 733,  
749, 1029, 1182, 1533,  
1791, 1963  
109 (1992) 145  
93 (1991) 10, 267, 285,
- calculation 295, 299, 315, 386,  
395, 398, 601
- 110 (1991) 275  
104–107 (1992) 2113  
103 (1992) 204  
98 (1991) 92  
103 (1992) 25  
104–107 (1992) 303, 324,  
341, 355, 365  
103 (1992) 117  
104–107 (1992) 324  
110 (1992) 135  
97 (1991) 198, 205, 305  
104–107 (1992) 385  
104–107 (1992) 249, 282  
97 (1991) 135  
96 (1991) 267  
104–107 (1992) 282  
104–107 (1992) 1389  
100 (1991) 425  
103 (1992) 19  
104–107 (1992) 1187, 1555  
109 (1992) 332  
100 (1991) 425  
– gradient related  
BiSrCaCuO 104–107 (1992) 537, 609  
Bitter patterns 95 (1991) 85  
Bloch lines 94 (1991) 207, 293  
Bloch points, curves and lines 95 (1991) 95  
96 (1991) 125, 349  
102 (1991) 208  
104–107 (1992) 335  
100 (1991) 481, 527  
102 (1991) 18  
104–107 (1992) 385, 387,  
1665  
Blume–Emery–Griffiths model 95 (1991) 157  
Bogoliubov's inequality 104–107 (1992) 929  
Boltzmann equation 100 (1991) 527  
Boride 104–107 (1992) 1098  
Boronhydride method 101 (1991) 167  
Bose quasiparticles 98 (1991) 235  
Boundaries 110 (1991) 261  
Boundary region 103 (1992) 13  
Bourret's approximations 109 (1992) 293  
Bragg scattering 100 (1991) 527  
Brillouin scattering 93 (1991) 58, 211, 403  
104–107 (1992) 1679,  
1807, 1863  
100 (1991) 455  
94 (1991) 207  
98 (1991) 104  
104–107 (1992) 305, 307  
Bubble films  
Bubbles 104–107 (1992) 817  
104–107 (1992) 239, 1643  
Ca<sub>2</sub>CuO<sub>3</sub>, Le<sub>2</sub>CuO<sub>2</sub>  
Canted ferrimagnetism

- Canted ferromagnetism 104–107 (1992) 189, 665, 1405, 2035
- Carbide 104–107 (1992) 1098
- Carbonation 104–107 (1992) 1439
- gas-phase 98 (1991) 76
- Carrier concentration 104–107 (1992) 575
- Catalytic surfaces 104–107 (1992) 267
- C-axis orientation 104–107 (1992) 2047
- CeAl<sub>3</sub> 108 (1992) 1, 107
- CeB<sub>6</sub> 108 (1992) 165
- CeCo<sub>12</sub>B<sub>6</sub> 104–107 (1992) 1313
- CeCu<sub>6</sub> 108 (1992) 145
- CeCu<sub>2</sub>Si<sub>2</sub> 108 (1992) 145
- CeGa<sub>2</sub> 104–107 (1992) 1407
- CeIn<sub>3</sub> 104–107 (1992) 1411
- CeNi 108 (1992) 19
- CePdSn 104–107 (1992) 665
- CePtSi<sub>2</sub> 108 (1992) 207
- Ceramics 94 (1991) 119
- Ceramic superconductors 104–107 (1992) 471, 517, 573, 599, 611
- Cerium 104–107 (1992) 439
- compounds 108 (1992) 183, 185, 187
- intermetallic compounds 104–107 (1992) 1475
- systems 108 (1992) 215
- CeRu<sub>2</sub>Si<sub>2</sub> 108 (1992) 1, 153
- CeSe 104–107 (1992) 1204
- CeSn<sub>3</sub> 108 (1992) 19
- Chain formation 103 (1992) 19
- Chalcogenides 92 (1991) 388
- 104–107 (1992) 1249, 1641
- Chaos 104–107 (1992) 1055, 1057, 2111
- Chaotic dynamics 110 (1991) 202
- Charge density waves 104–107 (1992) 199
- Charge fluctuation 109 (1992) 237
- Charge transfer 100 (1991) 497
- Chemical bonding 101 (1991) 251
- Chemical potential 103 (1992) 250
- Chevrel phases 104–107 (1992) 1247
- Chirality 104–107 (1992) 505
- Chiral order 104–107 (1992) 929
- Chromium alloys 104–107 (1992) 759
- Chromium telluride 104–107 (1992) 1947
- Cluster approach 98 (1991) 47
- 104–107 (1992) 443, 445, 669, 855, 1157
- Cluster approximation
- finite 92 (1990) 245
- Cluster dynamics 104–107 (1992) 1665
- Clustered compounds 104–107 (1992) 955
- Cluster effects 104–107 (1992) 423
- Cluster identities 97 (1991) 152
- Cluster model 104–107 (1992) 1019
- Cluster variation method 104–107 (1992) 231
- Coatings 104–107 (1992) 1553
- Co/Au 93 (1991) 53, 319, 379, 457, 562
- 104–107 (1992) 1845
- Cobalt 104–107 (1992) 1843, 1887
- thin films 104–107 (1992) 343, 1798
- Co/Cr 93 (1991) 150
- Co–Cr films 104–107 (1992) 2047
- Co–Cr recording media 104–107 (1992) 971, 1725
- Co–Cr sputtered films 104–107 (1992) 1801
- Co/Cu 93 (1991) 1, 89, 105, 457, 480
- multilayers 104–107 (1992) 1907
- Coercive field 104–107 (1992) 1088, 1126, 1191, 1553
- Coercive force 94 (1991) 43
- 104–107 (1992) 1829
- Coercivity 93 (1991) 319, 605
- 94 (1991) 57
- 95 (1991) 95, 215, 221
- 96 (1991) 60, 82, 197, 230, 335
- 97 (1991) 107, 256, 329, 338, 353
- 98 (1991) 65
- 99 (1991) 103, 133
- 100 (1991) 38, 57, 79, 413
- 101 (1991) 227, 307, 317, 343, 387, 397
- 102 (1991) 159
- 103 (1992) 65, 250
- 104–107 (1992) 371, 377, 385, 399, 433, 969, 979, 1117, 1129, 1137, 1143, 1155, 1161, 1169, 1179, 1389, 1543, 1587, 1779, 1801, 1811, 1847, 1899, 2047
- 109 (1992) 13, 27, 127, 191, 367
- 110 (1992) 25, 73, 135, 215, 227, 261
- grain-size-dependent 94 (1991) 67
- magnetic particles 100 (1991) 413
- mechanisms 104–107 (1992) 1126
- Coherent anomaly method 96 (1991) 267
- Coherent potential approximation 104–107 (1992) 677, 733
- Cole–Cole distribution 104–107 (1992) 165
- Collinear antiferromagnet 104–107 (1992) 918
- Colloids 104–107 (1992) 1551
- Commensurate spin structure 104–107 (1992) 823
- Compensation 104–107 (1992) 1833
- point 109 (1992) 353
- temperature 104–107 (1992) 1033
- Composite magnetic materials 110 (1991) 25
- Composite materials 104–107 (1992) 1591



- Compositionally modulated alloys 104–107 (1992) 1760, 1763
- Compositionally modulated films 104–107 (1992) 1889
- Composition fluctuations 110 (1991) 254
- Computer simulation 104–107 (1992) 843  
110 (1991) 1
- Concentration effect 104–107 (1992) 2099
- Conduction-electron polarization 100 (1991) 481, 497
- Conduction-electron scattering 100 (1991) 527
- Conductivity tensor 104–107 (1992) 1023, 1947
- Cone phase 104–107 (1992) 71
- Cone structure 104–107 (1992) 1523
- Conversion electron Mössbauer spectroscopy 92 (1990) 11, 261  
95 (1991) 199
- Co/Pd 93 (1991) 25, 211, 379, 457, 465, 562
- Copper 104–107 (1992) 1843, 1887
- formate tetradeuterate 104–107 (1992) 557
- halide systems 104–107 (1992) 831
- Co/Pt 93 (1991) 31, 47, 105, 183, 194, 379, 465, 592, 601  
104–107 (1992) 1845
- Co/Pt/Co trilayers 104–107 (1992) 1775
- Coqblin–Schrieffer interaction 110 (1991) 11
- Core loss 109 (1992) 7  
110 (1991) 151
- Correlated effect-field theory 95 (1991) 157, 184
- Correlated electrons 104–107 (1992) 593
- Correlation potentials 104–107 (1992) 1444
- Correlations 95 (1991) 221  
97 (1991) 227  
98 (1991) 185  
99 (1991) 171  
104–107 (1992) 587, 723  
108 (1992) 10  
96 (1991) 282  
104–107 (1992) 625
- Corrosion 101 (1991) 271  
103 (1992) 58  
104–107 (1992) 1147
- behavior 94 (1991) 113
- properties 110 (1991) 65
- stability 104–107 (1992) 1216
- Co/Sb 93 (1991) 35
- Coupling constants 92 (1990) 129  
94 (1991) 337  
92 (1990) 35
- Coupling strength 92 (1990) 35
- Co<sub>7–x</sub>Mn<sub>x</sub>Ge<sub>6</sub> 104–107 (1992) 2043
- Cr/Ag 93 (1991) 529
- Critical
- amplitude 110 (1991) 32
- concentration 97 (1991) 31  
104–107 (1992) 2099
- currents 104–107 (1992) 481, 615  
108 (1992) 111
- dynamics 104–107 (1992) 201
- exponents 101 (1991) 111  
104–107 (1992) 239
- field 101 (1991) 276
- fields 104–107 (1992) 483, 731, 1453  
108 (1992) 133
- phenomena 100 (1991) 151, 272, 481  
104–107 (1992) 89, 175, 181, 184, 189, 193, 195, 197, 204, 207, 209, 213, 216, 257, 259, 261, 267, 271, 273, 287, 289, 291, 294, 300, 655, 775, 843, 929, 1045, 1655, 1693, 1795  
108 (1992) 143, 151, 272, 481
- – critical exponents 100 (1991) 272
- – exponents 100 (1991) 139, 440
- – hysteresis 104–107 (1992) 277, 387
- – Heisenberg model 100 (1991) 515  
97 (1991) 227
- – Ising model 100 (1991) 272, 515  
104–107 (1992) 191
- – thermal expansion 96 (1991) 301
- state models 104–107 (1992) 615
- temperature 102 (1991) 287
- Crossover 104–107 (1992) 300
- behavior 104–107 (1992) 297
- Cr/Sb 93 (1991) 35
- Crystal electric field 108 (1992) 196
- Crystal field 100 (1991) 57, 79, 99, 173, 497  
101 (1991) 310, 395  
104–107 (1992) 15, 489, 545, 613, 651, 953, 1159, 1189, 1198, 1221, 1267, 1269, 1273, 1301, 1347, 1355, 1357, 1371, 1387, 1391, 1405, 1499, 1513  
108 (1992) 27, 100, 121, 159, 173, 187  
109 (1992) 185  
110 (1992) 20  
99 (1991) 95
- effects 104–107 (1992) 1283
- induced anisotropy 104–107 (1992) 1277
- parameters 110 (1991) 337  
97 (1991) 37, 69
- rare-earth compounds 100 (1991) 57, 79, 99, 173  
102 (1991) 42, 151

- 103 (1992) 53
- 104–107 (1992) 737, 1149
- 109 (1992) 153, 316
- 104–107 (1992) 1359
- 109 (1992) 113
- 103 (1992) 1
- 99 (1991) 159
- 104–107 (1992) 1247
- 110 (1991) 355
- 104–107 (1992) 1375
- 104–107 (1992) 1191
- 104–107 (1992) 1801
- 104–107 (1992) 1281, 1903
- 108 (1992) 161
- 94 (1991) 243
- 97 (1991) 40
- 104–107 (1992) 1179, 2021
- 104–107 (1992) 1993
- 104–107 (1992) 657
- 104–107 (1992) 568
- 92 (1990) 35, 129
- 96 (1991) 114, 121, 223
- 98 (1991) 205
- 99 (1991) 123, 199
- 100 (1991) 57, 79, 218
- 102 (1991) 67, 71, 109
- 103 (1992) 194
- 104–107 (1992) 255, 425, 849, 851, 1086, 1092, 1873
- 109 (1992) 34, 91, 243
- 110 (1992) 147, 317
- 103 (1992) 250
- 97 (1991) 263
- 104–107 (1992) 825
- 104–107 (1992) 777
- 104–107 (1992) 2049
- 104–107 (1992) 1399
- 104–107 (1992) 1569
- 104–107 (1992) 405
- 104–107 (1992) 503
- 98 (1991) 307
- 101 (1991) 341, 414
- 102 (1991) 135
- 103 (1992) 245, 285
- 110 (1992) 139, 147, 161, 170, 209, 317
- 96 (1991) 162
- 92 (1990) 35, 53, 80
- 94 (1991) 35, 243
- 96 (1991) 211, 215, 335
- 97 (1991) 40, 79, 147, 223
- 98 (1991) 285
- 99 (1991) 103, 145, 253
- 96 (1991) 89
- theory
- uranium compounds
- Crystal growth
- Crystal lattice modifications
- Crystalline electric field
- Crystalline phase
- Crystallinity
- Crystallization
- temperature
- Crystallographic ordering
- Crystallographic properties
- Crystallography
- Crystal structure
- defects
- distortion
- CsCoCl<sub>3</sub>
- CsFeCl<sub>3</sub>
- Cu<sub>3</sub>Au-type structure
- Cubic Laves phase
- Cubic magnetocrystalline anisotropy
- Cubic spinels
- CuO
- Curie constant
- Curie temperature
- annealing-dependent
- composition-dependent
- Curie–Weiss behavior
- Cu–Zr
- Cyclic stress
- Cyclotron mass
- Damped spin waves
- Damping
- factor
- DC conductivity
- Debe–King structure
- Debye temperature
- Decorated lattice
- Defects
- Deflection yoke
- Degeneracies
- De Gennes rule
- De Haas–van Alphen effect
- high-frequency
- Delafossite
- $\Delta E$  effect
- Demagnetising process
- Demagnetization
- Demagnetized state
- Dense Kondo effect
- Density functional formalism
- Density functional theory
- Density of states
- Devices
- magnetometrics
- magnetostriction measurements
- Diamagnetism
- Dielectric behavior
- Dielectric loss
- Differential equations
- nonlinear
- Differential phase contrast
- Dilute alloys
- Diluted antiferromagnets
- Diluted ferromagnets
- Diluted magnetic semiconductors
- Diluted magnetic systems
- Dimensional crossover
- Dimensionality
- 104–107 (1992) 91
- 104–107 (1992) 377
- 104–107 (1992) 1407
- 104–107 (1992) 687
- 104–107 (1992) 419
- 109 (1992) 293
- 110 (1991) 287
- 104–107 (1992) 1701
- 104–107 (1992) 1435
- 104–107 (1992) 279
- 99 (1991) 159
- 104–107 (1992) 413
- 110 (1991) 39
- 109 (1992) 249
- 98 (1991) 250
- 108 (1992) 19, 125, 127, 145, 153
- 97 (1991) 169
- 104–107 (1992) 823
- 101 (1991) 21, 23
- 104–107 (1992) 392
- 104–107 (1992) 313
- 92 (1990) 53
- 95 (1991) 27
- 96 (1991) 23, 197
- 101 (1991) 343, 427
- 110 (1992) 175
- 104–107 (1992) 313, 392
- 108 (1992) 165
- 100 (1991) 497
- 104–107 (1992) 1381
- 98 (1991) 85
- 104–107 (1992) 65, 1976, 2019, 2099
- 103 (1992) 81
- 103 (1992) 111
- 104–107 (1992) 575
- 98 (1991) 33
- 97 (1991) 112
- 104–107 (1992) 331, 2111, 2129
- 104–107 (1992) 315, 343
- 100 (1991) 241
- 104–107 (1992) 287, 2017, 2033, 2081
- 108 (1992) 123
- 104–107 (1992) 269
- 104–107 (1992) 259
- 104–107 (1992) 937, 989, 993
- 96 (1991) 77
- 104–107 (1992) 294
- 100 (1991) 515
- 104–107 (1992) 300, 1619, 1621, 1623

- 3d impurities 104–107 (1992) 2081
- Dipericodic magnetic layer 104–107 (1992) 1787
- Dipolar field 104–107 (1992) 825
- Dipole coupling 100 (1991) 481, 515  
104–107 (1992) 915, 1211,  
1901
- transverse 104–107 (1992) 219
- Dipole–dipole interactions 109 (1992) 151
- Disaccommodation 104–107 (1992) 427
- Disorder 104–107 (1992) 77
- alloys 104–107 (1992) 733, 2077
- ferromagnets 94 (1991) 74
- magnetic systems 96 (1991) 77
- substitutional 104–107 (1992) 711
- Disordered alloys 101 (1991) 99  
104–107 (1992) 1673,  
2023
- Disordered Ising models 104–107 (1992) 195
- Disordered system 92 (1990) 185
- structural 92 (1990) 265, 267
- Disorder magnetic insulators 104–107 (1992) 269
- 2D magnetic behavior 104–107 (1992) 625
- 3d metal alloy 104–107 (1992) 2059
- 3d metal compound 104–107 (1992) 1983
- 3d metals 104–107 (1992) 923, 1691,  
1781, 1999, 2089
- Domain
- boundary 99 (1991) 261
- hard 95 (1991) 231
- pattern 96 (1991) 97
- size 99 (1991) 1
- structure 94 (1991) 251  
95 (1991) 76, 85, 205  
97 (1991) 235  
98 (1991) 205  
100 (1991) 425, 455, 481  
101 (1991) 107, 196, 363,  
367  
102 (1991) 208, 214  
103 (1992) 58, 151, 165  
104–107 (1992) 85, 179,  
317, 321, 329, 353,  
363, 365, 387, 389,  
421, 915, 1161, 1734,  
1805  
109 (1992) 79, 213, 332  
110 (1991) 73, 80, 135,  
299, 327  
100 (1991) 455  
100 (1991) 455  
100 (1991) 481  
101 (1991) 256, 363  
104–107 (1992) 315, 319,  
343, 1505, 1813  
94 (1991) 293  
96 (1991) 125, 349  
101 (1991) 256
- wall dynamics 103 (1992) 325  
104–107 (1992) 77, 161,  
324, 327, 331, 335,  
339, 387, 395  
109 (1992) 213  
101 (1991) 202  
99 (1991) 91  
95 (1991) 95  
97 (1991) 305  
98 (1991) 92  
102 (1991) 339  
103 (1992) 139  
104–107 (1992) 309, 345,  
359, 387, 663  
110 (1991) 80, 215  
94 (1991) 170  
94 (1991) 43  
96 (1991) 13  
99 (1991) 145  
104–107 (1992) 1137  
104–107 (1992) 825  
104–107 (1992) 333  
93 (1991) 109, 116, 123,  
128, 143  
104–107 (1992) 1007,  
1019
- wall energy
- wall model
- wall motion
- wall number
- wall pinning
- wall soliton
- wall stabilization
- Domains 93 (1991) 109, 116, 123,  
128, 143
- Doping effects 104–107 (1992) 1007,  
1019
- Doping studies 108 (1992) 217
- Double exchange ferromagnets 104–107 (1992) 923
- Double layers 101 (1991) 202
- 3d-transition metals 104–107 (1992) 1883
- Dumbbells 95 (1991) 231
- DyB<sub>6</sub> 104–107 (1992) 1233
- DyBaCuO 104–107 (1992) 625, 821
- Dynamic critical effects 104–107 (1992) 193
- Dynamic exponents 104–107 (1992) 197
- Dynamic Kerr imaging 104–107 (1992) 973
- Dynamic random fields 104–107 (1992) 1959
- Easy-plane anisotropy 104–107 (1992) 785
- Easy-plane Heisenberg chain 104–107 (1992) 1067
- Eddy current loss 104–107 (1992) 379, 387,  
413
- Effective critical exponent 104–107 (1992) 259
- Effective-field method 104–107 (1992) 273
- Effective-field theory 92 (1990) 59  
96 (1991) 155  
97 (1991) 152, 227  
98 (1991) 185  
104–107 (1992) 233  
110 (1991) 275
- Effective masses 104–107 (1992) 529
- Effective-medium model 104–107 (1992) 1517, 2031  
108 (1992) 87, 89  
101 (1991) 21, 23  
104–107 (1992) 2049  
92 (1990) 68
- Elastic constants
- Elasticity
- Electrical properties
- Electrical resistivity



- 97 (1991) 119, 171, 223,  
 291  
 99 (1991) 91  
 100 (1991) 126, 186, 204,  
 218, 292  
 102 (1991) 297  
 104–107 (1992) 19, 53, 69,  
 97, 456, 511, 759, 871,  
 874, 889, 923, 1189,  
 1233, 1235, 1285,  
 1349, 1955, 2029,  
 2075, 2081  
 108 (1992) 43, 45, 107,  
 143, 161, 202, 207  
 109 (1992) 316  
 110 (1992) 65, 119, 161  
 92 (1990) 109, 125  
 101 (1991) 301  
 97 (1991) 281  
 104–107 (1992) 923, 1189,  
 2029  
 92 (1990) 11  
 104–107 (1992) 683, 1399  
 110 (1991) 331  
 110 (1991) 331  
 110 (1991) 331  
 110 (1991) 331  
 110 (1991) 227  
 97 (1991) 246  
 101 (1991) 279  
 104–107 (1992) 981  
 104–107 (1992) 677, 679  
 98 (1991) 261  
 99 (1991) 215  
 94 (1991) 11  
 104–107 (1992) 67  
 108 (1992) 217  
 104–107 (1992) 2087  
 94 (1991) 134  
 98 (1991) 47, 119, 130  
 99 (1991) 293  
 100 (1991) 241  
 102 (1991) 127  
 103 (1992) 314  
 104–107 (1992) 91  
 104–107 (1992) 659  
 104–107 (1992) 755  
 110 (1991) 247  
 93 (1991) 39, 47, 109,  
 116, 136, 143  
 101 (1991) 369  
 104–107 (1992) 963  
 104–107 (1992) 487, 563,  
 793, 947, 1649, 2092  
 94 (1991) 347  
 96 (1991) 341  
 97 (1991) 297  
 104–107 (1992) 561, 761,  
 811, 839, 1525, 1571,  
 2105  
 108 (1992) 123  
 104–107 (1992) 1645  
 104–107 (1992) 7, 443,  
 1157, 1765  
 104–107 (1992) 529  
 100 (1991) 413  
 104–107 (1992) 1378  
 108 (1992) 19  
 104–107 (1992) 1947  
 109 (1992) 164  
 104–107 (1992) 874  
 108 (1992) 73  
 104–107 (1992) 1415  
 97 (1991) 281  
 96 (1991) 291  
 104–107 (1992) 1265  
 100 (1991) 481  
 100 (1991) 481  
 104–107 (1992) 1435  
 104–107 (1992) 445  
 100 (1991) 469  
 110 (1991) 1  
 104–107 (1992) 625  
 104–107 (1992) 453  
 104–107 (1992) 1507  
 104–107 (1992) 991  
 104–107 (1992) 679  
 104–107 (1992) 184  
 93 (1991) 15  
 104–107 (1992) 121  
 100 (1991) 57, 79, 90, 173,  
 322, 481, 527  
 104–107 (1992) 835, 1323,  
 1712, 1863, 1868  
 100 (1991) 322, 527  
 102 (1991) 33  
 103 (1992) 53  
 104–107 (1992) 951, 1463,  
 1901  
 97 (1991) 126, 263  
 100 (1991) 481  
 102 (1991) 144  
 104–107 (1992) 191  
 96 (1991) 41  
 102 (1991) 96  
 104–107 (1992) 131, 803,  
 815, 885, 887, 947,  
 1325  
 104–107 (1992) 788  
 99 (1991) 12, 25  
 104–107 (1992) 1840  
 104–107 (1992) 1017  
 – line broadening  
 Electron structure  
 Electrophoretic deposition  
 Electroplated films  
 Energy band calculations  
 Energy band structure  
 Energy barriers  
 Energy gap  
 – formation  
 Energy loss  
 Energy principle technique  
 Enhanced paramagnet  
 Enhanced surface Bloch parame-  
 ter  
 Enhanced surface exponent  
 Entropy  
 Epitaxial growth  
 Epitaxial metal films  
 Equilibrium magnetization struc-  
 tures  
 ErBaCuO  
 ErIG  
 Europium  
 EuSe  
 Exact diagonalization  
 Exact solution  
 EXAFS  
 Exchange  
 – anisotropic  
 – anisotropy  
 – antiferromagnetic  
 – asymmetry  
 – biquadratic  
 – constant  
 – constants in insulators  
 – coupling  
 – coupling effect

- 3d-conduction electrons 100 (1991) 497
- direct/super- 95 (1991) 154
- 4f-conduction 100 (1991) 173, 497
- fluctuations 104–107 (1992) 121, 817
- 108 (1992) 190
- frustration 104–107 (1992) 935
- insulators 104–107 (1992) 837, 955, 1981
- integrals 104–107 (1992) 1381
- interacting chain 98 (1991) 53
- interaction 96 (1991) 206
- 104–107 (1992) 1081, 1444, 1721, 1807, 1861, 1876
- 109 (1992) 265
- 110 (1991) 20, 209
- – competing 104–107 (1992) 253, 257, 279, 901, 939, 1635, 1639
- – effective spin 92 (1990) 171
- – rare-earth compounds 109 (1992) 237
- interlayer 103 (1992) 236
- magnetic semiconductors 100 (1991) 322
- parameters 104–107 (1992) 1344
- RKKY 100 (1991) 90, 322, 527
- 103 (1992) 221
- 104–107 (1992) 649, 937, 1619, 1901, 2072
- 108 (1992) 119
- Ruderman–Kittel 104–107 (1992) 903
- sp-d 104–107 (1992) 995
- splitting 100 (1991) 481, 527
- 104–107 (1992) 1378, 1496
- striction 104–107 (1992) 731, 1509, 1951, 1979, 2059, 2061
- transition metals 102 (1991) 261
- 103 (1992) 221, 236
- 104–107 (1992) 727
- Excitations
- nonlinear 104–107 (1992) 785
- Excitons 100 (1991) 515
- Fan phase 104–107 (1992) 71
- Faraday effect 110 (1991) 99
- Faraday method 94 (1991) 127
- Faraday rotation 95 (1991) 49, 58
- 101 (1991) 242
- 104–107 (1992) 403, 425, 439, 445
- Far infrared spectrometry 104–107 (1992) 949
- Far infrared spectroscopy 108 (1992) 79
- 4f-conduction hybridization 104–107 (1992) 1327
- Fe/Ag 93 (1991) 276, 326, 331, 336, 513
- Fe/Al 93 (1991) 147, 452
- Fe alloys 104–107 (1992) 1597
- Fe/Au 93 (1991) 307
- FeCoAs 104–107 (1992) 1989
- Fe compounds 104–107 (1992) 893, 1969, 1973
- 93 (1991) 58, 67, 85, 95, 150, 386, 395
- 104–107 (1992) 1747
- 93 (1991) 75, 374, 425, 523, 552
- Feedback recording 101 (1991) 299
- Fe/Mo 93 (1991) 587
- Fe<sub>4</sub>N 104–107 (1992) 1933
- Fe<sub>16</sub>N<sub>2</sub> 104–107 (1992) 1081, 1933
- FeN films 104–107 (1992) 1851
- Fe/Ni 93 (1991) 281, 369, 472
- Fe–Ni alloys 104–107 (1992) 159
- Fe–Ni films 104–107 (1992) 1807
- Fe–Ni Invar 104–107 (1992) 2053
- Fe–Ni–Mn 104–107 (1992) 2069
- FeN thin films 104–107 (1992) 1899
- Fe<sub>2</sub>O<sub>3</sub> 104–107 (1992) 1921
- Fe particles 104–107 (1992) 1560
- Fe/Pd 93 (1991) 75, 229, 307, 587
- Fe/Pd films 104–107 (1992) 1825
- Fe–Pt alloys 104–107 (1992) 2051, 2055
- Fe–RE amorphous alloys 104–107 (1992) 131
- Fermi-liquid behavior 104–107 (1992) 67
- 108 (1992) 209
- Fermi-liquid effect 104–107 (1992) 707
- Fermi-liquid model 104–107 (1992) 709
- Fermi liquids 100 (1991) 186, 292
- 104–107 (1992) 507
- 100 (1991) 527
- Fermi surface 104–107 (1992) 1365, 1407, 1409
- 108 (1992) 19, 145, 153
- Fermi velocities 108 (1992) 133
- Ferrimagnetic resonance 96 (1991) 237
- Ferrimagnetism 98 (1991) 201
- 99 (1991) 39, 275
- 100 (1991) 1
- 102 (1991) 103
- 104–107 (1992) 43, 131, 837, 887, 893, 1185, 1349, 1361, 1363, 1515, 1833, 1879, 2092, 2103
- 109 (1992) 353
- 110 (1992) 209
- 104–107 (1992) 1437
- Ferrimagnets
- Ferrite
- microwave absorber 101 (1991) 173
- waveguides 101 (1991) 153
- Ferrites 92 (1990/91) 39, 43, 417

- 97 (1991) 141, 338
- 98 (1991) 33
- 99 (1991) 1, 133, 275
- 100 (1991) 413
- 101 (1991) 95, 122, 125, 131, 134, 137, 170
- 102 (1991) 51, 109, 181, 305
- 103 (1992) 174, 194, 212
- 104–107 (1992) 413, 419, 969, 979, 1005, 1143, 1591, 1643
- 110 (1992) 99, 147, 327
- 101 (1991) 173
- 101 (1991) 227, 233
- 101 (1991) 143
- 104–107 (1992) 1549
- 104–107 (1992) 1351
- 92 (1990) 217
- 102 (1991) 255
- 103 (1992) 126
- 104–107 (1992) 1551, 1555
- 100 (1991) 241
- 104–107 (1992) 1094
- 101 (1991) 189
- 104–107 (1992) 1699, 1760, 1772, 1785, 1789, 1807
- 98 (1991) 221
- 104–107 (1992) 2037
- 104–107 (1992) 745
- 101 (1991) 419
- 110 (1991) 1
- 110 (1991) 1
- 101 (1991) 291
- 92 (1990) 143, 217
- 93 (1991) 25, 43, 75, 257, 271, 276, 336, 345, 439, 489
- 94 (1991) 109
- 99 (1991) 25
- 101 (1991) 29, 131, 159, 219, 235
- 104–107 (1992) 117, 125, 429, 977, 986, 1039, 1043, 1072, 1075, 1547, 1679, 1709, 1743, 1775, 1822, 1871, 2089
- 109 (1992) 323
- 110 (1992) 113
- 101 (1991) 140
- 104–107 (1992) 1152
- 100 (1991) 1, 261, 322
- 102 (1991) L1
- 103 (1992) 228, 285
- 104–107 (1992) 31, 43, 47, 51, 53, 55, 300, 679, 705, 713, 785, 885, 887, 905, 915, 1155, 1229, 1363, 1613, 1691, 1781, 1976, 2045, 2092, 2103
- 108 (1992) 141
- 109 (1992) 79, 185
- 110 (1992) 185
- 100 (1991) 322
- 100 (1991) 1
- 100 (1991) 261
- 92 (1991) 388
- 94 (1991) 170
- 97 (1991) 83, 235, 286
- 98 (1991) 92
- 99 (1991) 12, 20, 261, 323
- 103 (1992) 139
- 104–107 (1992) 1413, 1923, 1933
- 110 (1992) 32, 80, 202, 221
- 92 (1990) 265, 267
- 94 (1991) 153, 179, 247
- 98 (1991) 185
- 99 (1991) 190
- 94 (1991) 74
- 92 (1990) 116
- 93 (1991) 15, 398
- 93 (1991) 35
- 93 (1991) 155, 545
- 93 (1991) 499
- 104–107 (1992) 2067
- 104–107 (1992) 2065
- 104–107 (1992) 2043
- 93 (1991) 429, 449
- 104–107 (1992) 1827
- 103 (1992) 97
- 104–107 (1992) 109
- 101 (1991) 191, 293
- 104–107 (1992) 781
- 101 (1991) 69
- 101 (1991) 304
- 100 (1991) 515
- 101 (1991) 293
- 101 (1991) 276
- 104–107 (1992) 181
- 101 (1991) 49
- 104–107 (1992) 1847
- 95 (1991) 14
- 99 (1991) 39, 119
- Ferromagnetism
- carrier induced
- soft
- weak itinerant
- Ferromagnets
- amorphous
- Ising
- layered
- Fe/Ru
- Fe/Sb
- Fe/Si
- Fe/Tb
- FeVAl alloys
- FeVSi alloys
- $\text{Fe}_{7-x}\text{Mn}_x\text{Ge}_6$
- Fe/Y
- Fe/ZnSe multilayers
- Field
- annealing
- calculations
- cooling effect
- distribution
- high
- induced transition
- planar
- pulsed
- theory
- viscosity
- Film stress
- Fine particles
- barium
- hexagonal
- polycrystalline
- Ferritin
- Ferro–antiferromagnetic competition
- Ferrofluids
- Ferromagnetic
- alloys
- clusters
- films
- hysteresis
- itinerant electrons
- materials
- nitride
- particles
- – hard type
- – soft type
- powders
- resonance
- – photothermally modulated
- ribbons



- 109 (1992) 164, 260  
 110 (1992) 1, 99  
 Finite difference method 94 (1991) 220  
 Finite element analysis 104–107 (1992) 1111  
 Finite element method 101 (1991) 279, 283, 289, 427  
 104–107 (1992) 965  
 Finite-size effects 104–107 (1992) 181  
 Finite temperature properties 100 (1991) 261  
 First-order magnetization process 95 (1991) 184  
 First order perturbation theory 110 (1991) 275  
 First principles band structure 99 (1991) 55  
 FLAPW method 100 (1991) 481, 497  
 Fluctuations 94 (1991) 74  
 Fluctuation theory 104–107 (1992) 291  
 Flux creep 101 (1991) 105  
 Flux density distribution 104–107 (1992) 559  
 Flux distribution 102 (1991) 323  
 104–107 (1992) 483, 527, 535  
 Fluxgate magnetometer 103 (1992) 81  
 Flux leakage 104–107 (1992) 1111  
 Flux lines 104–107 (1992) 493  
 Flux pinning 92 (1990) 19  
 104–107 (1992) 481, 485, 539  
 4f moments 104–107 (1992) 1447  
 FMR 100 (1991) 481  
 Form factor 104–107 (1992) 2083  
 – magnetic 94 (1991) 260  
 Foucault images 95 (1991) 76  
 Fractal noise 97 (1991) 205  
 Fractals 104–107 (1992) 211, 341  
 Fracture process 101 (1991) 357  
 – irradiation 101 (1991) 345  
 Franck–Condon effect  
 – magnetic 104–107 (1992) 1061  
 Frequency effects 104–107 (1992) 1851  
 Friedel 100 (1991) 497  
 Friedel-oscillations 100 (1991) 481  
 Frustrated antiferromagnet 92 (1991) 381  
 Frustrated Ising ferrimagnets 96 (1991) 175  
 Frustrated Ising model 104–107 (1992) 236, 1045, 1617, 1647  
 Frustrated magnetic structures 104–107 (1992) 1465  
 Frustration 99 (1991) 235  
 104–107 (1992) 197, 199, 253, 505, 587, 599, 751, 753, 825, 835, 929, 1635, 1637, 1645  
 – ordered magnetic 94 (1991) 331, 337  
 $\text{GaCo}_{1-x}\text{Cr}_x$  104–107 (1992) 2040  
 Gadolinium 104–107 (1992) 1021, 1693  
 Gap throat height 104–107 (1992) 965  
 Garnets 95 (1991) 95  
 100 (1991) 455, 515  
 101 (1991) 155, 239, 242  
 102 (1991) 18, 208  
 104–107 (1992) 335, 361, 429, 431, 441, 443, 445, 447, 453, 559, 1072  
 109 (1992) 109  
 – films 96 (1991) 237  
 104–107 (1992) 433  
 – rare earth–transition metal 94 (1991) 260  
 – thin films 101 (1991) 224  
 Gaseous paramagnetism 104–107 (1992) 2127  
 Gauss type function 104–107 (1992) 2127  
 $\text{GdCo}_{12}\text{B}_6$  104–107 (1992) 1313  
 Gd–Cr alloys 104–107 (1992) 1351  
 Gd/Fe multilayers 104–107 (1992) 1833  
 Gd/Y 93 (1991) 485  
 Generalized dynamical susceptibility 100 (1991) 261  
 G-factor 104–107 (1992) 727, 947  
 108 (1992) 123  
 Giant magnetoresistance 104–107 (1992) 1081, 1753  
 Giant moments 100 (1991) 497  
 104–107 (1992) 1933, 2017  
 Gibbs state 104–107 (1992) 267  
 Gilbert equation 104–107 (1992) 977  
 Glass ceramics 102 (1991) 109  
 Glass-crystallization method 101 (1991) 230  
 Glassy systems 104–107 (1992) 487  
 Goethite 98 (1991) 28  
 102 (1991) 103  
 109 (1992) 260  
 Grain  
 – boundaries 104–107 (1992) 529, 1169  
 109 (1992) 103  
 110 (1991) 264  
 – boundary 101 (1991) 143  
 – coalescence 101 (1991) 128  
 – size 101 (1991) 11, 83, 377  
 104–107 (1992) 421, 1007, 1137  
 – structure 94 (1991) 235  
 95 (1991) 215  
 Grain-oriented steel 104–107 (1992) 387  
 Grain-size distribution 99 (1991) 1  
 Granularity 104–107 (1992) 529  
 Gravitational fluid 110 (1991) 331  
 Green function 100 (1991) 527  
 Green phase 104–107 (1992) 568  
 Griffiths singularities 104–107 (1992) 423  
 Griffiths temperature 104–107 (1992) 1671  
 Ground-state properties 104–107 (1992) 251, 447, 839

- Grüneisen parameter 104–107 (1992) 693  
108 (1992) 61
- Guinier plots 104–107 (1992) 1551
- Haldane gap 104–107 (1992) 801, 807
- Hall constant 108 (1992) 199
- Hall effect 98 (1991) 205  
101 (1991) 211  
108 (1992) 40, 155  
109 (1992) 13  
110 (1991) 161  
– extraordinary 99 (1991) 167, 190  
– planar 109 (1992) 301
- Hall resistivity 98 (1991) 60
- Hard magnetic materials 96 (1991) 335  
100 (1991) 38, 57, 79  
101 (1991) 349  
104–107 (1992) 321, 363, 368, 1123, 1135, 1152, 1155, 1161, 1193, 1277, 1287, 1405
- Hard magnetic recording media 104–107 (1992) 977
- Hard magnetism 104–107 (1992) 1090
- Hardness
- Vicker 92 (1990) 109
- Heat
- capacity 101 (1991) 414  
103 (1992) 129  
104–107 (1992) 619, 627, 953, 1167, 1319, 1976  
108 (1992) 35, 95  
109 (1992) 316
- Heat treatment 101 (1991) 237  
109 (1992) 221
- annealing 103 (1992) 231  
109 (1992) 7
- crystallization 103 (1992) 274  
109 (1992) 27
- Heavy electrons 108 (1992) 1
- Heavy electron systems 104–107 (1992) 655, 1293  
108 (1992) 40, 155, 175
- Heavy fermion 99 (1991) 171, 235  
100 (1991) 126, 151, 186, 204  
104–107 (1992) 39, 49, 1385, 1411, 1905  
108 (1992) 43, 89  
108 (1992) 199  
108 (1992) 209  
97 (1991) 291  
104–107 (1992) 47, 57, 60, 1415  
108 (1992) 15, 47  
108 (1992) 49, 109  
104–107 (1992) 647  
108 (1992) 5  
109 (1992) 237  
110 (1991) 287
- Heisenberg antiferromagnet 95 (1991) 168  
104–107 (1992) 557, 761, 793, 809, 811, 813, 839, 1795
- Heisenberg antiferromagnetism 104–107 (1992) 769
- Heisenberg chain 104–107 (1992) 797, 861, 865, 867
- Heisenberg ferromagnet 100 (1991) 515  
104–107 (1992) 339, 788, 885, 1577, 1707  
109 (1992) 359  
– two-dimensional 100 (1991) 515
- Heisenberg–Ising chains 104–107 (1992) 799
- Heisenberg model 104–107 (1992) 207, 253, 741, 766, 845, 885, 887, 905, 929, 1035, 1069, 1689  
109 (1992) 91  
102 (1991) 96
- Heitler–London approach
- Helical antiferromagnets 104–107 (1992) 47, 345, 689, 1517
- Helical spin structure 104–107 (1992) 859
- Helifan phase 104–107 (1992) 1523
- Helimagnetic order 104–107 (1992) 695, 1035, 1511, 1729
- Helimagnetism 97 (1991) 251
- Hematite 104–107 (1992) 350
- Henkel-type plots 104–107 (1992) 1569
- Heterogeneous materials 101 (1991) 117
- Heusler alloys 102 (1991) 199  
104–107 (1992) 705, 1011, 1751, 2011, 2013, 2072
- Heusler compounds 104–107 (1992) 1435
- Hexaferrites 95 (1991) 142  
99 (1991) 119, 133  
101 (1991) 165, 307  
104–107 (1992) 409, 411  
101 (1991) 237  
101 (1991) 405  
101 (1991) 230
- M-type 104–107 (1992) 403
- powders 104–107 (1992) 1175
- W-type 101 (1991) 363, 367
- Hexagonal ferrites 104–107 (1992) 1725
- High coercivity 104–107 (1992) 729, 731, 813, 1311, 1321, 1325, 1473, 1475, 1949, 2105  
108 (1992) 181, 211
- materials 108 (1992) 117
- High-density recording 104–107 (1992) 1275
- High-field magnetism 98 (1991) 28  
92 (1990) 162  
96 (1991) 215  
98 (1991) 19  
104–107 (1992) 17, 811, 949, 1239, 1241, 1597
- High-field magnetization
- High-field measurements
- High gradient magnetic separation
- High magnetic field

- High pressure 92 (1990) 181  
 98 (1991) 285  
 100 (1991) 126  
 104–107 (1992) 255, 503,  
 641, 1317, 1413, 1937,  
 2075  
 108 (1992) 100, 103
- High resolution electron mi-  
 croscopy 110 (1991) 264
- High-resolution magnetic imaging 101 (1991) 263
- High- $T_c$  oxides 104–107 (1992) 461
- High-temperature series expan-  
 sion 104–107 (1992) 253
- HoB<sub>6</sub> 104–107 (1992) 1233
- Hoffmann boundary 102 (1991) 319
- Hole doping 104–107 (1992) 461
- Hole momentum 104–107 (1992) 465
- Holes in antiferromagnets 104–107 (1992) 465
- Holmium 104–107 (1992) 1523
- Hopkinson effect 99 (1991) 119  
 103 (1992) 231
- Hot pressing 104–107 (1992) 1169
- $H$ – $T$  phase diagram 104–107 (1992) 163
- Hubbard clusters 104–107 (1992) 679
- Hubbard model 102 (1991) L233  
 104–107 (1992) 251, 499,  
 579, 593, 669, 673,  
 723, 739, 741  
 108 (1992) 170, 181
- Hubert–Bodenerger model 110 (1991) 299
- Hybridization 104–107 (1992) 63, 1252  
 110 (1991) 287
- gap 108 (1992) 217
- Hydrogen absorption 92 (1990) 155  
 104–107 (1992) 89, 729,  
 1169, 1231, 1279
- Hydrogenation 101 (1991) 355, 372, 411
- Hydrogen decrepitation 101 (1991) 357
- Hydrogen diffusion 104–107 (1992) 152
- Hydrogen in metals 104–107 (1992) 1243
- Hyperchaos 104–107 (1992) 2129
- Hyperfine fields 92 (1990) 92  
 95 (1991) 142, 175  
 96 (1991) 162  
 97 (1991) 69  
 98 (1991) 79, 85, 99, 141  
 99 (1991) 45  
 100 (1991) 13, 481, 497,  
 515  
 102 (1991) 217  
 104–107 (1992) 167, 577,  
 729, 839, 921, 1113,  
 1165, 1195, 1283,  
 1313, 1315, 1399,  
 1405, 1413, 1437,  
 1513, 1599, 1705,  
 1809, 1935, 1987, 2011
- calculated 110 (1991) 29
- induced 97 (1991) 126
- of impurities 100 (1991) 241
- Hyperfine interactions 92 (1990) 101  
 93 (1991) 179, 252, 341,  
 369, 457, 499, 552,  
 597  
 99 (1991) 204, 222  
 104–107 (1992) 1265
- anisotropic 104–107 (1992) 1291
- Hyperfine parameters 98 (1991) 119  
 99 (1991) 55
- Hyperfine shift 104–107 (1992) 589
- Hyperfine structure 104–107 (1992) 2051
- Hysteresis 101 (1991) 19, 107, 256  
 104–107 (1992) 115
- ferromagnetic 98 (1991) 221
- loop 92 (1990) 25  
 94 (1991) 179, 220  
 95 (1991) 76  
 96 (1991) 223, 321  
 98 (1991) 25, 205, 261  
 99 (1991) 243  
 101 (1991) 105, 114, 196,  
 317  
 104–107 (1992) 100, 333,  
 337, 521, 1121, 1155,  
 1789, 1811, 1855  
 110 (1992) 65, 139, 151,  
 233
- loss 101 (1991) 114  
 104–107 (1992) 413
- magnetic 97 (1991) 119  
 102 (1991) 314  
 109 (1992) 301  
 110 (1992) 6
- relaxation 104–107 (1992) 389
- Idle spin 92 (1991) 359
- Impurity
- effects 100 (1991) 218  
 104–107 (1992) 815  
 109 (1992) 323  
 95 (1991) 154
- – absorption in insulators 104–107 (1992) 441
- – garnets 98 (1991) 250
- – magnetization oscillations 98 (1991) 92
- in ferromagnets 97 (1991) 107  
 100 (1991) 241  
 102 (1991) 175
- modes in magnetic insulator 104–107 (1992) 1037
- nonmagnetic 104–107 (1992) 863
- resonance state 104–107 (1992) 759
- states
- – long-range 99 (1991) 323
- Incoherent Kondo lattice 108 (1992) 82
- Incommensurate 104–107 (1992) 913



- Incommensurate–commensurate effects 104–107 (1992) 759
- Incommensurate magnetic structures 104–107 (1992) 199, 287, 749, 1273
- Incommensurate magnetism 104–107 (1992) 735
- Incommensurate phase 104–107 (1992) 1213
- Incommensurate structure 104–107 (1992) 791
- Indirect exchange 104–107 (1992) 1397
- Inductance probe method 94 (1991) 119  
97 (1991) 112
- Induction search coil method 101 (1991) 86
- Information storage  
– air gap 95 (1991) 1  
– basic elements 99 (1991) 335  
– Bloch line memory 96 (1991) 349  
– bubble devices 94 (1991) 207  
95 (1991) 231  
– corrosion resistance 94 (1991) 357  
– head devices 92 (1990) 271  
96 (1991) 230  
97 (1991) 343, 353  
98 (1991) 215  
92 (1990) 279  
94 (1991) 197  
95 (1991) 17, 123, 215, 249, 313  
96 (1991) 230  
– longitudinal recording media 95 (1991) 99, 215  
109 (1992) 367  
– magnetic recording 109 (1992) 127  
110 (1991) 233  
– magnetic recording media 94 (1991) 235  
95 (1991) 14, 17, 27, 85, 99, 109, 118, 123, 137, 215, 237, 289, 356, 365  
96 (1991) 248  
97 (1991) 119, 329, 338  
98 (1991) 221, 341  
109 (1992) 375  
110 (1991) 227, 254, 355  
92 (1990) 271  
– magnetic recording theory  
– magneto-optical recording media 94 (1991) 357  
95 (1991) 35, 43, 49, 58, 61, 69, 356  
110 (1991) 233  
99 (1991) 71  
– magneto-optical storage 94 (1991) 293  
– memory devices 95 (1991) 118  
– noise 95 (1991) 17, 109  
– particles 110 (1991) 355  
– particulate recording media 95 (1991) 14, 17, 27, 76, 118, 221, 249, 313, 319, 365  
98 (1991) 210  
– perpendicular recording 94 (1991) 197, 215  
95 (1991) 43, 123  
– perpendicular recording media 98 (1991) 205  
110 (1991) 254  
– pigment dispersions 95 (1991) 341  
– recording heads 92 (1990) 284  
– tape particles 94 (1991) 220  
– technology 95 (1991) 379  
– thermomagnetic recording 98 (1991) 201  
– trend analysis 99 (1991) 335  
– tribology 95 (1991) 289  
– vertical Bloch line memory 95 (1991) 95, 231  
– wear of tape/head 95 (1991) 1, 289  
In-plane magnetizing layer 104–107 (1992) 1017  
Instability in films 96 (1991) 237  
Instability in fluids 94 (1991) 141, 311, 319  
96 (1991) 291  
98 (1991) 162, 173  
96 (1991) 315  
Instability in spin glass 94 (1991) 207  
Insulators 104–107 (1992) 1603, 1639, 2092  
Integrated optics 101 (1991) 157  
Interaction effects 95 (1991) 109  
104–107 (1992) 975  
– cluster 99 (1991) 293  
– direct exchange/superexchange 95 (1991) 154  
– exchange 99 (1991) 261  
– four-spin 96 (1991) 67  
– long-range 99 (1991) 209  
104–107 (1992) 989  
– spin-orbit 99 (1991) 190  
Interaction factors 96 (1991) 248  
Interaction fields 95 (1991) 99  
Interactions  
– competing 108 (1992) 97  
– configuration 104–107 (1992) 2087  
– dipolar 104–107 (1992) 201, 1129  
– exciton–magnon 104–107 (1992) 1061  
– ferromagnetic 104–107 (1992) 2096  
– impurity–impurity 104–107 (1992) 1525  
– magnetic 104–107 (1992) 141, 955, 1249, 1336, 1543, 1593, 1697, 1819  
– magnon–phonon 104–107 (1992) 1049  
– molecular-field 104–107 (1992) 1381  
– pairwise 104–107 (1992) 1701  
– quadrupolar 104–107 (1992) 264, 653, 1198, 1336, 1525  
– RKKY 104–107 (1992) 1673  
108 (1992) 53, 179  
– spin–phonon 104–107 (1992) 951  
Interband transition 104–107 (1992) 1023  
Intercalation compounds 104–107 (1992) 681  
Interchain exchange 104–107 (1992) 833  
Interdiffusion 98 (1991) 215

- 101 (1991) 187  
 104–107 (1992) 1751  
 Interface effects 104–107 (1992) 1833  
 Interface magnetism 100 (1991) 481  
 104–107 (1992) 1684  
 Interface mixing 104–107 (1992) 1753  
 Interface roughness 100 (1991) 527  
 104–107 (1992) 1753  
 Interfacial coupling 92 (1990) 143  
 Interfacial phenomena 104–107 (1992) 1791  
 109 (1992) 39  
 – structure 99 (1991) 199  
 102 (1991) 319  
 Interfacial structure 104–107 (1992) 1809  
 Interferometer 104–107 (1992) 1455  
 Interlayer coupling 93 (1991) 1, 58, 85, 95,  
 105, 386, 395, 403,  
 407, 413, 418, 435,  
 477, 503  
 94 (1991) 1  
 104–107 (1992) 1703,  
 1775  
 Intermediate valence 100 (1991) 126, 292  
 104–107 (1992) 647, 659,  
 1355, 1415, 1475  
 108 (1992) 121, 185  
 Intermetallic compounds 101 (1991) 333  
 103 (1992) 30  
 104–107 (1992) 31, 321,  
 657, 697, 729, 731,  
 745, 757, 925, 1305,  
 1315, 1317, 1378,  
 1449, 1451, 1463,  
 1923, 1931, 1963,  
 1965, 1967, 1976  
 – actinides 103 (1992) 73  
 – 3d–4f 101 (1991) 395  
 – rare earth 103 (1992) 129, 179  
 110 (1991) 259, 343  
 110 (1991) 343  
 103 (1992) 50  
 110 (1991) 197  
 Internal cavities 104–107 (1992) 1543  
 Internal fields 104–107 (1992) 1121  
 Internal friction 101 (1991) 47  
 Internal strains 104–107 (1992) 1809  
 Internal stresses 104–107 (1992) 568  
 Interstitial 101 (1991) 310  
 – modification 104–107 (1992) 1098  
 Intersublattice transitions 104–107 (1992) 1063  
 Invar alloys 92 (1990) 87  
 94 (1991) 20  
 109 (1992) 169  
 Invar effect 98 (1991) 285  
 104–107 (1992) 703, 747,  
 1925, 2075  
 110 (1992) 323  
 104–107 (1992) 1927  
 Invar systems 104–107 (1992) 711  
 Ion beam sputtering 104–107 (1992) 1847  
 Ionic substitutions 110 (1991) 355  
 Iron 104–107 (1992) 743  
 – clusters 104–107 (1992) 497  
 – films 104–107 (1992) 1781,  
 1903  
 – nitrides 104–107 (1992) 1933  
 – oxide 104–107 (1992) 1937  
 Irreversible line 104–107 (1992) 163  
 Irreversible losses 101 (1991) 338  
 Ising 104–107 (1992) 165  
 – ferrimagnets 96 (1991) 175  
 – ferromagnet 94 (1991) 74  
 – magnets 104–107 (1992) 423  
 Ising model 92 (1990) 59  
 96 (1991) 67, 267, 315  
 99 (1991) 253  
 100 (1991) 272, 515  
 102 (1991) 116, 144, 287  
 103 (1992) 30  
 104–107 (1992) 179, 181,  
 184, 193, 199, 207,  
 211, 261, 264, 275,  
 279, 300, 309, 837,  
 841, 905, 1661, 1663  
 109 (1992) 172  
 100 (1991) 497  
 104–107 (1992) 219  
 100 (1991) 497  
 92 (1990) 245  
 100 (1991) 497  
 100 (1991) 497  
 96 (1991) 77  
 104–107 (1992) 1659,  
 1671  
 Ising system 104–107 (1992) 294, 1599,  
 1601, 1607, 1609  
 Isolators 100 (1991) 425  
 – bulk 100 (1991) 425  
 – film 100 (1991) 425  
 Isomer shift 97 (1991) 251  
 99 (1991) 55  
 104–107 (1992) 683, 1965  
 Itinerant antiferromagnetism 104–107 (1992) 751, 753,  
 2029  
 Itinerant electrons 100 (1991) 218, 261, 292,  
 363  
 104–107 (1992) 95, 671,  
 675, 689, 691, 693,  
 695, 697, 699, 705,  
 707, 721, 739, 747,  
 757, 1479, 1765, 1783,  
 2089  
 108 (1992) 153  
 – antiferromagnetism 100 (1991) 218  
 – ferromagnetism 100 (1991) 292, 363

- 104–107 (1992) 681, 701, 703
- in disordered system 103 (1992) 37
- localized 102 (1991) 87
- magnetism 104–107 (1992) 456, 1913, 1967, 2057
- metamagnetism 104–107 (1992) 709
- paramagnetism 104–107 (1992) 727
- spin fluctuations 100 (1991) 292
- spin waves 104–107 (1992) 713
- system 104–107 (1992) 1942
- Itinerant magnetism 94 (1991) 20, 287
- 101 (1991) 3, 251
- Itinerant spin fluctuations 104–107 (1992) 685
- Jahn–Teller effect 102 (1991) 116
- 104–107 (1992) 2011, 2013
- Josephson junction 104–107 (1992) 529
- Kerr effect 95 (1991) 49
- 96 (1991) 97
- 100 (1991) 425, 481
- 102 (1991) 357
- 103 (1992) 7, 165
- 104–107 (1992) 109, 387, 397, 399, 1002, 1021, 1023, 1029, 1033, 1749
- 110 (1992) 299
- Kerr ellipticity 104–107 (1992) 1013
- Kerr rotation 94 (1991) 357
- 95 (1991) 35, 61, 69
- 98 (1991) 47
- 104–107 (1992) 1009, 1019, 1825, 1827, 1855
- Kerr technique 95 (1991) 85
- Kinetics of ordering 104–107 (1992) 177
- KKR method 103 (1992) 204
- Knight shift 104–107 (1992) 1589
- Kondo behavior 108 (1992) 43
- Kondo compensation 103 (1992) 73
- 108 (1992) 213
- Kondo effect 97 (1991) 223, 291
- 100 (1991) 1, 90, 186, 204
- 102 (1991) 42
- 103 (1992) 267
- 104–107 (1992) 639, 649, 651, 665, 1241, 1385, 1435, 1905, 2081
- 108 (1992) 15, 27, 51, 53, 91, 93, 107, 113, 123, 131, 157, 159, 177, 187, 199
- 110 (1992) 119
- Kondo impurity 108 (1992) 179
- Kondo problem
- two-dimensional 98 (1991) 250
- Kondo resonance 108 (1992) 173, 215
- Kosterlitz–Thouless phase 104–107 (1992) 741
- Kosterlitz–Thouless transition 104–107 (1992) 227
- Kouvel–Fisher plots 98 (1991) 273
- LaBaCuO 104–107 (1992) 507
- La<sub>2</sub>CuO<sub>4</sub> 104–107 (1992) 515
- LaGa<sub>2</sub> 108 (1992) 125
- Laminations 96 (1991) 97
- Landau theory 104–107 (1992) 1496
- Lanthanum 104–107 (1992) 563
- LAPW method 104–107 (1992) 681
- Laser diode 104–107 (1992) 1455
- Lattice constants 92 (1990) 101
- 98 (1991) 285
- 104–107 (1992) 547
- Lattice distortion 104–107 (1992) 1465
- Lattice expansion 104–107 (1992) 1086
- 110 (1992) 15
- Lattice gas 104–107 (1992) 267
- Lattice instabilities 108 (1992) 5
- Lattice parameter 104–107 (1992) 1441
- Lattice strain 101 (1991) 11
- Lattice vacancies 104–107 (1992) 657
- Laves phase 110 (1991) 209
- 104–107 (1992) 683, 1271, 1424
- compounds 96 (1991) 60, 305
- 98 (1991) 19, 141, 285
- 104–107 (1992) 697, 731, 935, 1257, 1421, 1427, 1465
- Layer-type compounds 104–107 (1992) 357, 513, 849, 851, 853, 953, 959
- LEED 93 (1991) 25, 31
- Lifshitz point 104–107 (1992) 71
- Ligand-field transition 104–107 (1992) 944
- Light scattering 100 (1991) 481
- 104–107 (1992) 663, 1039, 1047, 1835
- Linearized perturbation technique 109 (1992) 71
- Linear muffin-tin orbital method 92 (1991) 295
- 110 (1991) 275
- Linear muffin-tin orbitals 98 (1991) 10
- Linear muffin-tin orbital theory 110 (1991) 29
- Linewidth 108 (1992) 175
- Linewidth–temperature dependence 104–107 (1992) 1627
- Liquid mix technique 101 (1991) 405
- Lithium absorption 94 (1991) 267
- Live layers 100 (1991) 481
- LiVO<sub>2</sub> 104–107 (1992) 779
- Ln<sub>2</sub>BaCuO<sub>5</sub> 104–107 (1992) 561
- Local density approximation 104–107 (1992) 1444
- Local environment effects 94 (1991) 49
- 97 (1991) 187



- 104–107 (1992) 1431,  
 1687, 1697, 1931,  
 1965, 2019, 2055, 2085  
 Local flux distribution 101 (1991) 86  
 Localized spin systems 97 (1991) 152  
 Localized surface state 100 (1991) 497  
 Local moment formation 104–107 (1992) 1421  
 Local moments 100 (1991) 1, 186, 241,  
 481, 497  
 103 (1992) 267  
 104–107 (1992) 7, 1931,  
 2009  
 – TM compounds 94 (1991) 11  
 Local moments relaxation 108 (1992) 123  
 Local spin-density functional ap-  
 proximation 103 (1992) 314  
 Local spin-density functional the-  
 ory 103 (1992) 212  
 Local spin fluctuations 94 (1991) 134  
 London penetration depth 104–107 (1992) 509, 633  
 London theory 110 (1991) 91  
 Longitudinal media 104–107 (1992) 963  
 Long-range order 96 (1991) 175  
 100 (1991) 272, 515  
 102 (1991) 116  
 Lorentz images 104–107 (1992) 365, 1161  
 Lorentz microscopy 104–107 (1992) 329  
 Lorenz number 108 (1992) 199  
 Loss reduction 92 (1990) 25  
 Low-dimensional systems 98 (1991) 79  
 109 (1992) 47, 349  
 Low-energy spin waves 104–107 (1992) 687, 715  
 LuBaCuFO<sub>5</sub> 104–107 (1992) 571  
  
 Mach–Zehnder interferometer 100 (1991) 425  
 Magnetic after-effect 101 (1991) 99  
 Magnetic anisotropy 104–107 (1992) 387  
 Magnetic breakthrough 104–107 (1992) 1409  
 Magnetic circular dichroism 104–107 (1992) 439, 2087  
 – X-ray 104–107 (1992) 1418  
 Magnetic coupling 92 (1990) 46  
 94 (1991) 109  
 98 (1991) 291  
 – interlayer 110 (1991) 113  
 Magnetic dichroism 104–107 (1992) 2001  
 Magnetic disorder 104–107 (1992) 895, 897  
 Magnetic distortion 104–107 (1992) 465  
 Magnetic domains 104–107 (1992) 109, 241,  
 1453, 1745  
 Magnetic epitaxial films 104–107 (1992) 1805  
 Magnetic excitations 96 (1991) 17  
 97 (1991) 286  
 102 (1991) L15  
 104–107 (1992) 713, 718,  
 793, 797, 809, 855,  
 949, 951, 1065, 1204  
 108 (1992) 163  
 – low-temperature 92 (1991) 353  
 Magnetic fields 110 (1991) 175  
 – space distribution 102 (1991) 223  
 Magnetic films 104–107 (1992) 507  
 Magnetic fluctuations 92 (1990) 233  
 Magnetic fluids 96 (1991) 105  
 97 (1991) 25  
 103 (1992) 19  
 96 (1991) 89  
 92 (1990) 19  
 Magnetic flux penetration 104–107 (1992) 521  
 Magnetic flux pinning 104–107 (1992) 2123  
 Magnetic force microscope 93 (1991) 123  
 Magnetic force microscopy 101 (1991) 263  
 109 (1992) 71  
 Magnetic frustration 92 (1991) 359, 366  
 Magnetic hardening 92 (1990) 30  
 104–107 (1992) 1137  
 Magnetic hardness 104–107 (1992) 1389  
 Magnetic heads 101 (1991) 137  
 Magnetic hysteresis 97 (1991) 119  
 104–107 (1992) 103, 155,  
 355, 377, 382, 392,  
 399, 415, 433, 915,  
 1033, 1641  
 Magnetic induction 104–107 (1992) 315  
 110 (1992) 151  
 Magnetic instability 104–107 (1992) 1465  
 Magnetic insulators 104–107 (1992) 815  
 Magnetic interactions 95 (1991) 14  
 96 (1991) 105  
 Magnetic intersublattice coupling 104–107 (1992) 1275  
 Magnetic iron nitrides 110 (1991) 65  
 Magnetic liquids 101 (1991) 45  
 Magnetic losses 101 (1991) 95  
 102 (1991) 181, 323  
 104–107 (1992) 387  
 Magnetic moment 94 (1991) 243, 342  
 96 (1991) 335  
 97 (1991) 187  
 98 (1991) 291  
 99 (1991) 45, 55, 71  
 102 (1991) 261  
 104–107 (1992) 33, 82,  
 255, 729, 731, 1037,  
 1088, 1198, 1275,  
 1359, 1939, 1961,  
 1963, 1991, 2009,  
 2019, 2021  
 109 (1992) 145  
 – calculated 109 (1992) 39  
 – calculations 103 (1992) 212  
 – cobalt 109 (1992) 243  
 – composition-dependent 92 (1990) 92  
 – defect 104–107 (1992) 2065  
 – distribution 104–107 (1992) 111, 583,  
 681, 1394, 1931

- field-dependent 92 (1990) 46
- rare earths 109 (1992) 197, 305
- X-ray study 109 (1992) 109
- Magnetic multilayer films 101 (1991) 187, 217
- Magnetic multilayers 100 (1991) 527
  - 104–107 (1992) 1705, 1712, 1721, 1734, 1745, 1753, 1755, 1760, 1767, 1772, 1807, 1809, 1811, 1816, 1829, 1840, 1845, 1857, 1859, 1863, 1876, 1885
- Magnetic ordering 95 (1991) 195
  - 96 (1991) 26, 121
  - 97 (1991) 53, 178
  - 102 (1991) 25, 30, 47
  - 103 (1992) 267
  - 104–107 (1992) 543
  - 110 (1992) 355
- rare-earth compounds 109 (1992) 305
- short-range 96 (1991) 282
- Magnetic orientation 104–107 (1992) 1772
- Magnetic overlayer 100 (1991) 527
- Magnetic oxides 104–107 (1992) 417, 617, 871, 1643
- Magnetic particle media 104–107 (1992) 1591
- Magnetic particles 101 (1991) 233
- Magnetic permeability 104–107 (1992) 382, 421
  - 109 (1992) 228
- Magnetic phase diagram 92 (1990/91) 129, 397
  - 96 (1991) 67, 145
  - 97 (1991) 31, 246
  - 98 (1991) 333
  - 99 (1991) 145, 193, 209, 261, 280
  - 100 (1991) 99, 151, 204, 394
  - 103 (1992) 25, 179
  - 104–107 (1992) 135, 170, 187, 229, 277, 285, 447, 555, 885, 887, 908, 911, 937, 1159, 1185, 1187, 1233, 1329, 1336, 1427, 1481, 1639, 1879, 2056, 2109
  - 108 (1992) 97, 190
  - 109 (1992) 17, 139, 172
  - 110 (1991) 6, 20
- calculated 94 (1991) 302
- complex 97 (1991) 4, 15
- Magnetic phase transitions 92 (1991) 344, 405
  - 97 (1991) 83
  - 100 (1991) 99
  - 102 (1991) 33
- Magnetic polarization 104–107 (1992) 401
- Magnetic polarons 110 (1991) 39
- Magnetic polymers 104–107 (1992) 2101
- Magnetic power loss 104–107 (1992) 337, 387
- Magnetic precipitates 104–107 (1992) 781
- Magnetic prisms 104–107 (1992) 1111
- Magnetic properties 104–107 (1992) 63
  - of monolayers 104–107 (1992) 1805
- Magnetic pump mechanism 99 (1991) 12
- Magnetic quantum chains 104–107 (1992) 273
- Magnetic recording 93 (1991) 365
  - 100 (1991) 413
  - 101 (1991) 137
  - 104–107 (1992) 973, 983, 1553
- head 104–107 (1992) 1899
- materials 100 (1991) 413
- media 102 (1991) 238
  - 104–107 (1992) 417, 961, 967, 975, 1725
- performance 100 (1991) 413
- Magnetic refrigeration 104–107 (1992) 1094
- Magnetic relaxation 104–107 (1992) 1283
- Magnetic resistivity 109 (1992) 91
- Magnetic resonance 103 (1992) 228
  - imaging 104–107 (1992) 1111
- Magnetic satellites 104–107 (1992) 913
- Magnetic scaling 101 (1991) 65
- Magnetic scattering 104–107 (1992) 2015
  - of X-rays 103 (1992) 86
  - X-ray resonance 104–107 (1992) 1213
- Magnetic semiconductors 100 (1991) 322
  - 104–107 (1992) 986, 995, 997, 1096, 1795
  - 110 (1992) 39
- Magnetic separation 94 (1991) 191
  - 98 (1991) 28
- Magnetic shield 101 (1991) 69
- Magnetic string 110 (1991) 39
- Magnetic structure 92 (1991) 359, 366
  - 94 (1991) 127, 170, 260, 331, 337
  - 95 (1991) 137, 195
  - 96 (1991) 341
  - 97 (1991) 37, 45, 219
  - 99 (1991) 123
  - 100 (1991) 99, 139, 218, 455, 481
  - 102 (1991) 30, 67, 71, 331
  - 103 (1992) 179, 204, 274, 314
  - 104–107 (1992) 21, 33, 51, 555, 591, 617, 871, 891, 899, 908, 925, 927, 933, 935, 939, 1139, 1235, 1285, 1359, 1383, 1485, 1527, 1529, 1629, 1989
  - 108 (1992) 51, 117

- 109 (1992) 17, 34, 98, 197
  - 110 (1991) 20, 185
  - 104–107 (1992) 623
  - 97 (1991) 4
  - 110 (1991) 343
  - 98 (1991) 147
  - 104–107 (1992) 159, 749
  - 94 (1991) 179
- factors
- field-induced
- low-temperature
- noncollinear
- stochastic
- Magnetic superconductors
- 104–107 (1992) 527, 535, 587
- Magnetic superlattices
- 103 (1992) 47
- 104–107 (1992) 1739, 1777, 1843, 1865, 1871, 1915
- Magnetic surface anisotropy
- 104–107 (1992) 1679, 1743
- Magnetic texture
- 101 (1991) 387
- Magnetic tip parameters
- 104–107 (1992) 2123
- Magnetic transition
- 101 (1991) 392
- 102 (1991) 74
- 109 (1992) 249, 309, 349
- 104–107 (1992) 859
- successive
- Magnetic viscosity
- 92 (1991) 417
- 101 (1991) 89, 92
- Magnetically ordered clusters
- 103 (1992) 228
- Magnetically ordered ground state
- 104–107 (1992) 657
- Magnetite
- 96 (1991) 101
- 100 (1991) 413
- Magnetization
- 101 (1991) 205, 338, 385
- 104–107 (1992) 43, 85, 93, 121, 211, 429, 731, 827, 918, 949, 1102, 1152, 1191, 1387, 1441, 1577, 1637, 1693, 1783, 1822, 2035
- 108 (1992) 45, 47
- 110 (1991) 147, 161
- 102 (1991) L9
- 104–107 (1992) 1152
- 99 (1991) 55
- antiparallel
- bulk
- calculations
- chaotic motion of the magnetization vector
- composition-dependent
- curves
- cycles
- density
- distribution
- dynamics
- field-dependent
- first-order processes
- high-field
- initial
- in-plane
- jumps
- local
- losses
- low-field
- low-temperature
- measurements
- modes
- nuclear
- patterns
- perpendicular
- pressure-dependent
- processes
- 92 (1990) 16, 25, 155
- 94 (1991) 278
- 95 (1991) 137
- 96 (1991) 189, 215, 219
- 97 (1991) 31, 291
- 98 (1991) 19, 221, 231, 245, 291, 333
- 99 (1991) 152, 235
- 104–107 (1992) 93, 189
- 109 (1992) 117
- 104–107 (1992) 1429
- 98 (1991) 155
- 99 (1991) 193
- 104–107 (1992) 157, 803, 1223, 1429, 1460, 2003, 2053
- 109 (1992) 265, 349
- 110 (1991) 337
- 97 (1991) 119
- 92 (1990) 1
- 97 (1991) 198
- 98 (1991) 104
- 104–107 (1992) 1676
- 94 (1991) 342
- 97 (1991) 40, 286
- 110 (1991) 327
- 101 (1991) 424
- 103 (1992) 157, 236, 245
- 104–107 (1992) 801, 813, 853, 1086, 1159, 1993
- 109 (1992) 1, 59, 323
- 109 (1992) 359
- 97 (1991) 316
- 100 (1991) 38, 57, 99, 204, 218, 346
- 102 (1991) L9
- 104–107 (1992) 979
- 110 (1991) 29
- 92 (1990) 59
- 94 (1991) 251
- 95 (1991) 76, 157, 184, 249
- 96 (1991) 47, 145, 321
- 97 (1991) 15, 205, 235, 305
- 98 (1991) 210
- 99 (1991) 7, 209, 243
- 100 (1991) 99
- 101 (1991) 367
- 103 (1992) 139, 236
- 104–107 (1992) 27, 147, 155, 361, 371, 387, 433, 1145, 1221, 1321, 1463, 1635, 1639, 1861, 1896, 1969, 2119



- 109 (1992) 59, 64, 79, 185,  
191, 213, 353
- 110 (1991) 202
- 104–107 (1992) 2119
- first-order 104–107 (1992) 2119
- quasi-first-order 104–107 (1992) 2119
- second-order 109 (1992) 159
- quantum tunneling 101 (1991) 405
- relaxation 104–107 (1992) 1565
- remanent 95 (1991) 27
- 109 (1992) 67, 127
- 110 (1991) 6, 135
- reptation 110 (1991) 355
- residual 95 (1991) 145
- reversal 92 (1990) 39, 43
- 97 (1991) 102, 256
- 98 (1991) 65
- 103 (1992) 151
- 104–107 (1992) 1565
- reversal mechanisms 104–107 (1992) 1117,  
1813
- reversal process 92 (1990) 279
- 95 (1991) 118, 205
- 102 (1991) 18
- 104–107 (1992) 1163
- saturation 92 (1990) 191
- 94 (1991) 49
- 95 (1991) 123, 133
- 96 (1991) 82
- 97 (1991) 329
- 98 (1991) 341
- 99 (1991) 91, 133, 145,  
229
- 104–107 (1992) 979
- 109 (1992) 127, 221
- 110 (1991) 65
- single crystal 109 (1992) 185
- specific 92 (1991) 405
- 99 (1991) 167
- spontaneous 96 (1991) 26
- 97 (1991) 147
- 99 (1991) 280
- 104–107 (1992) 1069
- states 109 (1992) 17
- static 98 (1991) 57
- stress-induced 98 (1991) 349
- temperature-dependent 92 (1990/91) 35, 92, 129,  
162, 217, 261, 353,  
397
- 94 (1991) 35, 127
- 95 (1991) 175
- 96 (1991) 67, 82, 305,  
329, 341
- 98 (1991) 71, 185, 201,  
239, 285
- 99 (1991) 95, 119, 275
- 102 (1991) 287
- 103 (1992) 30, 174
- 104–107 (1992) 603, 993,  
1115, 1593, 1868
- 110 (1991) 139, 170, 197
- thermoremanent 96 (1991) 223
- 109 (1992) 159
- thin films 109 (1992) 243
- time-dependent 94 (1991) 43, 85
- 95 (1991) 365
- 96 (1991) 261
- 99 (1991) 103, 253
- 104–107 (1992) 521, 1603
- 109 (1992) 164
- 110 (1991) 197
- zero-field-cooled 92 (1990) 228
- Magnetoacoustic resonance 92 (1991) 291
- Magnetoacoustic waves 101 (1991) 193
- Magnetocaloric effect 92 (1991) 405
- 94 (1991) 79
- 104–107 (1992) 1094
- Magnetochemical properties 104–107 (1992) 1997
- Magnetocircular dichroism 104–107 (1992) 944
- Magnetocircular photolumines-  
cence 104–107 (1992) 944
- Magnetocrystalline structure 109 (1992) 305
- Magnetodielectrics 102 (1991) 255
- Magnetoelastic coupling 94 (1991) 247
- 104–107 (1992) 1717
- Magnetoelastic effect 103 (1992) 325
- 104–107 (1992) 1507, 1729
- 110 (1992) 129
- Magnetoelastic energy 104–107 (1992) 152
- Magnetoelasticity 92 (1991) 291
- 96 (1991) 145, 275
- 97 (1991) 135, 193
- 100 (1991) 173, 544
- 101 (1991) 47
- 104–107 (1992) 107, 365,  
701, 1293, 2006
- magnetoelastic modes 100 (1991) 544
- Magnetoelastics 110 (1991) 11
- Magnetoelastic sound generation 104–107 (1992) 355, 1709
- Magnetolectric effect 97 (1991) 263
- 104–107 (1992) 449
- Magnetohydrodynamic instability 109 (1992) 71
- Magnetohydrodynamics 92 (1990) 233
- 94 (1991) 319
- 97 (1991) 25
- Magnetomechanical coupling 101 (1991) 25, 27, 75
- Magnetometer 104–107 (1992) 1455
- Magnetometry 101 (1991) 304
- 104–107 (1992) 481
- Magneto-optical effects 101 (1991) 205, 245
- Magneto-optical Kerr effect 104–107 (1992) 1825,  
1827, 1855
- Magneto-optical Kerr spectrum 104–107 (1992) 1947
- Magneto-optical materials 104–107 (1992) 1031

- Magneto-optical measurements 104–107 (1992) 995  
 Magneto-optical properties 104–107 (1992) 1005  
 Magneto-optical storage 94 (1991) 357  
 104–107 (1992) 1021  
 Magneto-optic diffraction 109 (1992) 332  
 Magneto-optic films 104–107 (1992) 1015  
 Magneto-optic recording 102 (1991) 357  
 104–107 (1992) 303, 1005,  
 1007, 1017, 1025, 1033  
 Magneto-optic recording media 101 (1991) 224, 239  
 Magneto-optics 92 (1990) 261  
 96 (1991) 155, 349  
 98 (1991) 47  
 100 (1991) 1, 425, 481, 527  
 104–107 (1992) 35, 311,  
 389, 397, 441, 443,  
 451, 993, 1009, 1011,  
 1013, 1027, 1029,  
 1061, 1749, 1763,  
 1779, 1787  
 109 (1992) 133, 332  
 110 (1992) 233  
 Magneto-resistance 93 (1991) 58, 95, 101,  
 319, 421, 477, 480  
 100 (1991) 204, 218, 292,  
 527  
 101 (1991) 32  
 103 (1992) 13  
 104–107 (1992) 15, 53,  
 1209, 1271, 1365,  
 1407, 1409, 1712,  
 1734, 1745, 1747,  
 1755, 1777, 1803,  
 1861, 1883, 1887  
 108 (1992) 143, 155  
 109 (1992) 179  
 110 (1992) 239, 247  
 104–107 (1992) 2079  
 – amorphous alloy 94 (1991) 302  
 – curves 94 (1991) 1  
 – giant 104–107 (1992) 1907  
 98 (1991) 60  
 98 (1991) 7  
 99 (1991) 243  
 100 (1991) 292  
 104–107 (1992) 2079  
 97 (1991) 171  
 98 (1991) 215  
 100 (1991) 204, 481  
 – transition-metal alloys 92 (1990) 68  
 – transition metals 104–107 (1992) 1243  
 Magnetoresistivity 97 (1991) 256, 343  
 104–107 (1992) 2067  
 – methods 101 (1991) 140  
 – modes 104–107 (1992) 1437  
 – studies 101 (1991) 151  
 – surface waves 101 (1991) 153, 157, 159,  
 189  
 Magnetostatics 95 (1991) 221  
 97 (1991) 235  
 100 (1991) 515, 527  
 94 (1991) 29  
 96 (1991) 230, 321  
 98 (1991) 349  
 99 (1991) 159  
 100 (1991) 173, 346  
 101 (1991) 6, 35, 65, 75,  
 117, 122, 219  
 102 (1991) 63  
 103 (1992) 78, 97, 111, 117  
 104–107 (1992) 73, 100,  
 107, 117, 137, 145,  
 152, 355, 392, 731,  
 1305, 1433, 1453,  
 1455, 1468, 1471,  
 1515, 1531, 1537,  
 1831, 1847, 1851, 2072  
 108 (1992) 56, 59  
 109 (1992) 169, 228  
 110 (1991) 221  
 – measurements 110 (1991) 129  
 – nearly-zero 110 (1991) 129  
 – saturation 96 (1991) 167  
 – shape magnetostriction 110 (1991) 11  
 – spontaneous 92 (1990) 207  
 – temperature-dependent 92 (1991) 397, 405  
 – zero 97 (1991) 135  
 Magnetostructural properties 101 (1991) 178  
 Magnetothermal effect 100 (1991) 292  
 102 (1991) L5  
 104–107 (1992) 701, 703,  
 1152  
 Magnetothermoelectric power 110 (1991) 247  
 Magnetothermogravimetry 94 (1991) 6  
 Magnetotransport 104–107 (1992) 991  
 Magnetovolume 98 (1991) 285  
 Magnetovolume effect 100 (1991) 346  
 104–107 (1992) 143, 703,  
 731, 747, 1257, 1331,  
 1927, 1935, 2057, 2075  
 110 (1991) 323  
 98 (1991) 1  
 104–107 (1992) 1907  
 98 (1991) 235  
 97 (1991) 1  
 101 (1991) 37  
 103 (1992) 50  
 104–107 (1992) 833, 949,  
 1047, 1049, 1053,  
 1059, 1063, 1065,  
 1072, 1075, 1783, 2089  
 97 (1991) 210  
 – dispersion 110 (1991) 80  
 Magnon spectrum

- Materials evaluation 104–107 (1992) 375
- Maximum entropy 104–107 (1992) 1424
- MBE 100 (1991) 527
- films 104–107 (1992) 399
- grown films 104–107 (1992) 1703, 1705
- Mean-field analysis 98 (1991) 201, 291
- Mean field theory 100 (1991) 272, 515  
104–107 (1992) 291, 877
- Mean free path 100 (1991) 527  
104–107 (1992) 1745
- Measuring technique 101 (1991) 299
- Mechanical alloying 101 (1991) 119  
104–107 (1992) 1090  
110 (1992) 264
- powders 101 (1991) 178
- Mechanical properties 110 (1991) 65
- Meissner effect 94 (1991) 119  
95 (1991) 58  
104–107 (1992) 539, 573
- Melt spinning 101 (1991) 375
- Melt-spun NdFeB 104–107 (1992) 1147
- Metal–insulator 104–107 (1992) 999
- Metallic copper oxides 104–107 (1992) 575
- Metallic films 95 (1991) 109  
102 (1991) L233
- Metallic glasses 92 (1990) 181  
94 (1991) 243  
97 (1991) 286  
101 (1991) 1, 16, 21, 23, 25, 27, 35, 40, 49  
102 (1991) 297  
101–104 (1992) 82, 85, 87, 93, 111, 137, 139, 141, 147, 152
- Metallic glass ribbons 102 (1991) 135  
104–107 (1992) 333
- Metal–metalloid foils 104–107 (1992) 1709
- Metamagnet 96 (1991) 275
- Metamagnetic effects 104–107 (1992) 1252
- Metamagnetic processes 110 (1991) 343
- Metamagnetic transition 108 (1992) 47, 125
- Metamagnetism 100 (1991) 90, 99, 292  
103 (1992) 1  
104–107 (1992) 37, 170, 617, 649, 675, 731, 1209, 1262, 1378, 1995, 2057, 2105  
108 (1992) 59, 117, 135, 181, 193  
110 (1991) 6
- Metastable alloys 104–107 (1992) 1351
- Metastable domains 104–107 (1992) 373
- Metastable phase 104–107 (1992) 1281  
110 (1991) 103
- Metglas 92 (1990) 25  
97 (1991) 135
- MHD pump 101 (1991) 283
- Microcrystalline alloys 101 (1991) 109
- Microfabricated cantilevers 104–107 (1992) 2123
- Microfield sensing 101 (1991) 263
- Micromagnetic calculation 104–107 (1992) 353
- Micromagnetic domains 104–107 (1992) 343
- Micromagnetics 94 (1991) 220  
99 (1991) 7  
100 (1991) 481  
104–107 (1992) 241
- Micromagnetic structures 104–107 (1992) 305, 307, 335
- Micromagnetism 95 (1991) 99, 249  
96 (1991) 167  
97 (1991) 343  
104–107 (1992) 353  
110 (1992) 1
- Micromotor 101 (1991) 271
- Microspheres 97 (1991) 25
- Microstructure 92 (1990) 125  
94 (1991) 57, 113  
95 (1991) 17, 145  
96 (1991) 60, 137, 197  
97 (1991) 107, 281, 338  
98 (1991) 341  
99 (1991) 133, 159  
101 (1991) 248, 307, 328, 352, 369  
103 (1992) 58, 65, 174  
104–107 (1992) 1471  
109 (1992) 7, 91, 103, 213  
110 (1991) 25, 73, 254, 261, 264
- ternary RE compounds 104–107 (1992) 1092
- Microwave absorption 94 (1991) 347  
97 (1991) 297  
104–107 (1992) 471
- Microwave application 101 (1991) 165
- Microwave magnetization 97 (1991) 1  
102 (1991) 314
- Microwave ultrasonics 104–107 (1992) 373, 957
- Mictomagnetism 104–107 (1992) 887
- Mitred transformer core corner 101 (1991) 86
- Mixed magnetic states 96 (1991) 301
- Mixed phases 104–107 (1992) 609
- Mixed spin system 98 (1991) 201
- Mixed valences 92 (1991) 359, 388  
94 (1991) 278  
97 (1991) 223  
104–107 (1992) 661, 955, 1171, 1418
- MnAlGe 104–107 (1992) 1923
- MnBi(Al) film 104–107 (1992) 1023
- MnGaGe 104–107 (1992) 1923
- MnP 104–107 (1992) 47, 345
- MnRhAs 104–107 (1992) 1995
- Mn/Sb 93 (1991) 35, 557
- MnSi 104–107 (1992) 689
- (Mn<sub>1–x</sub>Fe<sub>x</sub>)<sub>3</sub>Ge 104–107 (1992) 2045



- Modulated films 109 (1992) 13
- Modulated magnetism 104–107 (1992) 71
- Molecular-beam epitaxy 99 (1991) 215  
104–107 (1992) 1729
- Molecular-field approximation 97 (1991) 152
- Molecular-field theory 99 (1991) 209, 253  
100 (1991) 481  
102 (1991) 87  
104–107 (1992) 131, 885,  
908, 1185, 1187  
110 (1992) 170, 185  
104–107 (1992) 2103
- Molecular magnetism 104–107 (1992) 2103
- Molecular materials 104–107 (1992) 935
- Moment instability 104–107 (1992) 1985,  
1987
- Monodomains 104–107 (1992) 1553
- Monolayer 100 (1991) 469, 481, 497,  
515, 527  
– magnetism 100 (1991) 440
- Monte Carlo calculations 104–107 (1992) 1094
- Monte Carlo method 104–107 (1992) 1067
- Monte Carlo renormalization  
group 104–107 (1992) 195
- Monte Carlo simulation 92 (1991) 366  
94 (1991) 331  
100 (1991) 481  
103 (1992) 30  
104–107 (1992) 179, 209,  
227, 249, 282, 677,  
841, 877, 915, 1595,  
1601, 1609, 1663
- Morin transition 95 (1991) 175  
104–107 (1992) 1921
- Mössbauer effect 102 (1991) 56  
104–107 (1992) 43, 501,  
543, 551, 571, 621,  
1431, 1477, 1567, 1969
- Mössbauer spectroscopy 100 (1991) 13, 481, 527  
101 (1991) 109, 227, 291,  
347, 395, 403  
104–107 (1992) 33, 82,  
111, 128, 225, 497,  
729, 827, 893, 921,  
997, 1033, 1088, 1113,  
1123, 1279, 1283,  
1359, 1399, 1549,  
1557, 1563, 1597,  
1599, 1668, 1695,  
1703, 1705, 1785,  
1793, 1857, 1859,  
1889, 1891, 1893,  
1903, 1921, 1937,  
1987, 1999, 2023,  
2051, 2067  
108 (1992) 141
- Ag–Fe films 109 (1992) 98, 209, 249,  
260  
110 (1991) 295  
110 (1991) 106  
97 (1991) 40  
99 (1991) 222  
95 (1991) 199  
92 (1990) 261  
97 (1991) 251  
98 (1991) 28, 99  
92 (1990) 92  
96 (1991) 162  
102 (1991) 166  
103 (1992) 250, 285
- amorphous alloys 99 (1991) 222  
95 (1991) 199  
92 (1990) 261  
97 (1991) 251  
98 (1991) 28, 99  
92 (1990) 92  
96 (1991) 162  
102 (1991) 166  
103 (1992) 250, 285
- amorphous films 99 (1991) 222  
95 (1991) 199  
92 (1990) 261  
97 (1991) 251  
98 (1991) 28, 99  
92 (1990) 92  
96 (1991) 162  
102 (1991) 166  
103 (1992) 250, 285
- conversion-electron 99 (1991) 222  
95 (1991) 199  
92 (1990) 261  
97 (1991) 251  
98 (1991) 28, 99  
92 (1990) 92  
96 (1991) 162  
102 (1991) 166  
103 (1992) 250, 285
- $^{57}\text{Fe}$  99 (1991) 222  
95 (1991) 199  
92 (1990) 261  
97 (1991) 251  
98 (1991) 28, 99  
92 (1990) 92  
96 (1991) 162  
102 (1991) 166  
103 (1992) 250, 285
- Fe alloys 99 (1991) 222  
95 (1991) 199  
92 (1990) 261  
97 (1991) 251  
98 (1991) 28, 99  
92 (1990) 92  
96 (1991) 162  
102 (1991) 166  
103 (1992) 250, 285
- Fe compounds 99 (1991) 222  
95 (1991) 199  
92 (1990) 261  
97 (1991) 251  
98 (1991) 28, 99  
92 (1990) 92  
96 (1991) 162  
102 (1991) 166  
103 (1992) 250, 285
- ferrites 99 (1991) 275  
99 (1991) 39  
95 (1991) 142  
92 (1991) 375  
97 (1991) 178  
96 (1991) 60, 305  
98 (1991) 19, 141, 285
- fine particles 99 (1991) 39  
95 (1991) 142  
92 (1991) 375  
97 (1991) 178  
96 (1991) 60, 305  
98 (1991) 19, 141, 285
- hexaferrites 99 (1991) 39  
95 (1991) 142  
92 (1991) 375  
97 (1991) 178  
96 (1991) 60, 305  
98 (1991) 19, 141, 285
- high field 99 (1991) 39  
95 (1991) 142  
92 (1991) 375  
97 (1991) 178  
96 (1991) 60, 305  
98 (1991) 19, 141, 285
- intermetallics 99 (1991) 39  
95 (1991) 142  
92 (1991) 375  
97 (1991) 178  
96 (1991) 60, 305  
98 (1991) 19, 141, 285
- Laves phase compounds 99 (1991) 39  
95 (1991) 142  
92 (1991) 375  
97 (1991) 178  
96 (1991) 60, 305  
98 (1991) 19, 141, 285
- linear chains 100 (1991) 515  
98 (1991) 79  
96 (1991) 101  
94 (1991) 243  
104–107 (1992) 82, 85, 87,  
93, 111, 137, 139, 141,  
147, 152  
94 (1991) 1, 109, 251, 302  
95 (1991) 61, 69, 137  
96 (1991) 125, 248  
97 (1991) 353  
98 (1991) 7, 57  
99 (1991) 215  
101 (1991) 191, 205, 219,  
239  
103 (1992) 13  
98 (1991) 239  
99 (1991) 204  
92 (1990) 101  
94 (1991) 15  
97 (1991) 69  
98 (1991) 141  
99 (1991) 95  
102 (1991) 217  
109 (1992) 17  
98 (1991) 155  
92 (1990) 251  
96 (1991) 329  
100 (1991) 13  
94 (1991) 267  
97 (1991) 126  
92 (1990) 201
- multilayers 99 (1991) 39  
95 (1991) 142  
92 (1991) 375  
97 (1991) 178  
96 (1991) 60, 305  
98 (1991) 19, 141, 285
- olivines 99 (1991) 39  
95 (1991) 142  
92 (1991) 375  
97 (1991) 178  
96 (1991) 60, 305  
98 (1991) 19, 141, 285
- permanent magnets 99 (1991) 39  
95 (1991) 142  
92 (1991) 375  
97 (1991) 178  
96 (1991) 60, 305  
98 (1991) 19, 141, 285
- rare-earth compounds 99 (1991) 39  
95 (1991) 142  
92 (1991) 375  
97 (1991) 178  
96 (1991) 60, 305  
98 (1991) 19, 141, 285
- RE–TM alloys 99 (1991) 39  
95 (1991) 142  
92 (1991) 375  
97 (1991) 178  
96 (1991) 60, 305  
98 (1991) 19, 141, 285
- $^{119}\text{Sn}$  99 (1991) 39  
95 (1991) 142  
92 (1991) 375  
97 (1991) 178  
96 (1991) 60, 305  
98 (1991) 19, 141, 285
- transition-metal alloys 99 (1991) 39  
95 (1991) 142  
92 (1991) 375  
97 (1991) 178  
96 (1991) 60, 305  
98 (1991) 19, 141, 285
- transition metal compounds 99 (1991) 39  
95 (1991) 142  
92 (1991) 375  
97 (1991) 178  
96 (1991) 60, 305  
98 (1991) 19, 141, 285
- weberites 99 (1991) 39  
95 (1991) 142  
92 (1991) 375  
97 (1991) 178  
96 (1991) 60, 305  
98 (1991) 19, 141, 285
- $^{170}\text{Yb}$  99 (1991) 39  
95 (1991) 142  
92 (1991) 375  
97 (1991) 178  
96 (1991) 60, 305  
98 (1991) 19, 141, 285

- Mössbauer studies 104–107 (1992) 1437
- Multicritical point 104–107 (1992) 187, 197
- Multilayered films 103 (1992) 47
- Multilayered structures 92 (1990/91) 1, 143, 295
- Multilayers 94 (1991) 1, 109, 251, 302  
95 (1991) 61, 69, 137  
96 (1991) 125, 248  
97 (1991) 353  
98 (1991) 7, 57  
99 (1991) 20, 25, 31, 71, 199, 215, 243  
101 (1991) 191, 205, 219, 239  
102 (1991) L9, 25, 121, 357  
103 (1992) 13  
104–107 (1992) 1021, 1743, 1751, 1763, 1767, 1789, 1793, 1803, 1813, 1822, 1868, 1873, 1887, 1891, 1893, 1901  
109 (1992) 64  
110 (1992) 247  
109 (1992) 298
- magnetic 104–107 (1992) 973
- magnetic thin-films 104–107 (1992) 1819
- metallic 104–107 (1992) 1831
- Pd/Co 104–107 (1992) 1831
- Pd/Ni 104–107 (1992) 1779
- Multilayer structures 109 (1992) 159, 341
- Multilayer systems 110 (1992) 113
- Multineuron model 104–107 (1992) 1652
- Multiple- $q$  structure 104–107 (1992) 2001
- Muon spin relaxation 104–107 (1992) 495, 599, 801, 1959
- Muon spin resonance 104–107 (1992) 461, 509, 825, 1311  
108 (1992) 1
- Muon spin rotation 108 (1992) 23, 97
- Nanocrystalline
- alloys 101 (1991) 29
- effect 103 (1992) 274
- ribbons 101 (1991) 95
- Nanosecond pulse technique 104–107 (1992) 609
- Nasicon 104–107 (1992) 933
- NdCeCuO 104–107 (1992) 519
- Nd–Dy–Fe–B alloy 104–107 (1992) 1175
- NdFeB 104–107 (1992) 1173
- NdFeB magnets 104–107 (1992) 1129
- NdFe films 104–107 (1992) 981
- NdIn<sub>3</sub> 104–107 (1992) 1409
- Nd<sub>2</sub>NiO<sub>4</sub> 104–107 (1992) 918
- Néel temperature 104–107 (1992) 29, 735, 885, 887, 1185, 1187, 1937
- Negative spin temperature 108 (1992) 43
- Neodymium 109 (1992) 260
- Nernst–Ettingshausen effect 110 (1992) 6
- Neural networks 104–107 (1992) 915
- Neutron damage 104–107 (1992) 913, 1021
- Neutron depolarization 99 (1991) 167
- Neutron diffraction 104–107 (1992) 1652
- Neutron powder diffraction 104–107 (1992) 1921
- Neutron reflection 94 (1991) 153
- Neutron scattering 95 (1991) 319
- critical 98 (1991) 104
- diffuse 99 (1991) 1
- inelastic 104–107 (1992) 421, 1560
- polarized 92 (1990/91) 6, 75, 359, 381
- powder 93 (1991) 1, 89
- Neutron spin relaxation 94 (1991) 127, 260, 331, 347
- Neutron spin resonance 96 (1991) 114, 121
- Neutron spin rotation 97 (1991) 4, 15, 45, 53, 219
- Neutron spin scattering 98 (1991) 147, 333
- Neutron spin spectroscopy 99 (1991) 123
- Neutron spin transfer 100 (1991) 99, 139, 151, 186, 204, 218, 394
- Neutron spin transfer 103 (1992) 73, 179
- Neutron spin transfer 104–107 (1992) 33, 47, 51, 317, 345, 350, 495, 519, 555, 591, 617, 657, 665, 735, 791, 857, 859, 911, 913, 925, 927, 959, 1132, 1262, 1373, 1383, 1421, 1511, 1519, 1523, 1657, 1915, 1985, 1989, 2045
- Neutron spin transfer 108 (1992) 117, 202
- Neutron spin transfer 109 (1992) 34, 197, 260, 305
- Neutron spin transfer 110 (1991) 343
- Neutron spin transfer 110 (1991) 119
- Neutron spin transfer 104–107 (1992) 623, 630
- Neutron spin transfer 104–107 (1992) 823
- Neutron spin transfer 104–107 (1992) 918
- Neutron spin transfer 93 (1991) 331, 513
- Neutron spin transfer 104–107 (1992) 1798
- Neutron spin transfer 100 (1991) 139, 151, 173, 204, 272, 394
- Neutron spin transfer 103 (1992) 86
- Neutron spin transfer 104–107 (1992) 67, 85, 197, 253, 453, 607, 761, 809, 821, 931, 933, 1201, 1501, 1629, 1637
- Neutron spin transfer 108 (1992) 187
- Neutron spin transfer 104–107 (1992) 287
- Neutron spin transfer 104–107 (1992) 827, 2065, 2077

- elastic 100 (1991) 139, 151, 204, 394
- 104–107 (1992) 21, 585, 871, 895
- inelastic 97 (1991) 210, 286
- 100 (1991) 139, 151, 173, 204
- 104–107 (1992) 507, 557, 699, 713, 715, 718, 869, 897, 1049, 1204, 1257, 1283, 1295, 1375, 1391, 2083
- 108 (1992) 119, 121, 131, 177
- polarized 103 (1992) 126
- 104–107 (1992) 159, 527, 535, 583, 1394, 1625
- quasi-elastic 104–107 (1992) 517, 895, 897, 1627
- small angle 98 (1991) 104
- 104–107 (1992) 85, 243, 687, 1051, 1560, 1585, 1889
- Neutron spectroscopy 103 (1992) 50
- New compounds
- magnetic properties 109 (1992) 47
- 110 (1991) 181
- magnetic structure 109 (1992) 47
- molecular structure 110 (1991) 181
- 1/n expansion 104–107 (1992) 541
- NiAs structure 104–107 (1992) 255, 1961
- Ni/Cu 93 (1991) 341
- NiFe alloy 104–107 (1992) 715
- NiFe/Cu 93 (1991) 101
- Ni monolayers 104–107 (1992) 1684
- Ni/Pd 93 (1991) 444
- Ni/Sb 93 (1991) 35
- Nitride alloys 93 (1991) 349
- Nitrides 104–107 (1992) 1098, 2003
- Nitrogen absorption 110 (1991) 323
- Ni/W 93 (1991) 215, 345
- Ni–Zn–Cu ferrite 104–107 (1992) 413
- Non-collinear magnetic structure 101 (1991) 392
- spin echo 101 (1991) 134
- Non-Kondo lattice 104–107 (1992) 1407
- Nonlinear ferrimagnetic resonance 96 (1991) 237
- Nonmagnetic spacer layers 100 (1991) 527
- Non-oriented steel 92 (1990) 125
- 97 (1991) 281
- Nuclear magnetic ordering 104–107 (1992) 903, 908, 915, 2113
- Nuclear magnetic resonance 100 (1991) 13, 394
- 101 (1991) 401
- 104–107 (1992) 431, 461, 577, 589, 635, 807, 903, 1159, 1165, 1265, 1315, 1317, 1355, 1405, 1413, 1449, 1451, 1513, 1589, 1615, 1751, 1935, 1961, 2013, 2092
- 108 (1992) 175
- excitation 97 (1991) 316
- Knight shift 100 (1991) 13
- 104–107 (1992) 49, 653, 655
- measurements 104–107 (1992) 2011
- relaxation 97 (1991) 316
- 104–107 (1992) 49, 456, 655, 1077, 2027
- spin echo 96 (1991) 305
- 100 (1991) 13
- 104–107 (1992) 409, 411, 523, 525, 807, 1195, 1198, 1225, 1331, 1333, 1809, 1843
- Nuclear magnetic shielding 104–107 (1992) 2127
- Nuclear magnetism 100 (1991) 139, 394
- 104–107 (1992) 908, 915
- Nuclear orientation 104–107 (1992) 1265
- Nuclear quadrupole resonance 104–107 (1992) 503, 509, 635, 641
- Nuclear spin diffusion 104–107 (1992) 957
- Nucleation 101 (1991) 317
- field 94 (1991) 220
- Oligomers 102 (1991) 96
- Olivines 98 (1991) 239
- One-dimensional antiferromagnets 104–107 (1992) 801, 1061, 1096
- One-dimensional compounds 104–107 (1992) 2103
- One-dimensional ferromagnet 104–107 (1992) 831, 833
- One-dimensional magnetism 100 (1991) 515
- One-dimensional systems 100 (1991) 527
- 104–107 (1992) 761, 771, 805, 809, 811, 813, 839, 847, 857, 869, 1077, 2092, 2099
- quasi- 96 (1991) 41, 282
- Onion skin domains 104–107 (1992) 373
- Optical absorption 104–107 (1992) 445, 777
- spectroscopy 104–107 (1992) 1245
- Optical Bragg scattering 104–107 (1992) 213
- Optical conductivity 104–107 (1992) 456
- Optical excitation 104–107 (1992) 1063
- Optical properties 104–107 (1992) 443, 1005, 1533, 1741
- 108 (1992) 79
- Optimization 101 (1991) 335
- Orbital magnetic moment 104–107 (1992) 2001
- Orbital magnetism 104–107 (1992) 1942



- Order  
  – antiferromagnetic 99 (1991) 31, 95  
  – ferromagnetic 99 (1991) 31  
  – short-range 99 (1991) 293  
  – weak magnetic 99 (1991) 171  
Order–disorder 104–107 (1992) 1002  
Ordered alloy 104–107 (1992) 2061  
Ordering  
  – antiferromagnetic 98 (1991) 37  
  – magnetic 104–107 (1992) 13, 57, 85, 93, 477, 479, 519, 553, 599, 607, 619, 621, 627, 735, 817, 821, 881, 929, 939, 941, 1201, 1247, 1303, 1485, 1521, 2015, 2023, 2072  
108 (1992) 1, 10, 77, 91, 183  
Organic compounds 98 (1991) 53  
102 (1991) L1  
104–107 (1992) 1096, 2092  
Organic conductors 104–107 (1992) 2099  
Organic ferromagnet 104–107 (1992) 2096  
Orientation kinetics 101 (1991) 221  
Orthoferrite 104–107 (1992) 1037  
Oscillation 100 (1991) 497, 527  
  – long-period 100 (1991) 527  
  – short-period 100 (1991) 527  
Overlayers 99 (1991) 45  
100 (1991) 440  
103 (1992) 7  
Oxidation 101 (1991) 347  
Oxygen starvation 104–107 (1992) 497  
Oxygen stoichiometry 104–107 (1992) 1969, 1973  
  
Pair distribution function 95 (1991) 43  
Palladium 104–107 (1992) 727  
Parallel pumping 104–107 (1992) 1055, 1059, 2129  
Paramagnetic fluctuations 104–107 (1992) 1269  
Paramagnetic hydrides 104–107 (1992) 1997  
Paramagnetic layers 99 (1991) 12  
Paramagnetic phase 97 (1991) 126  
98 (1991) 130, 257  
Paramagnetism 96 (1991) 26, 101  
98 (1991) 298, 307  
104–107 (1992) 1991, 1997  
  – band 97 (1991) 31  
  – Pauli 102 (1991) 266, 275  
104–107 (1992) 11, 725, 2099  
Paramagnons 100 (1991) 292  
Parametric excitation 97 (1991) 1  
104–107 (1992) 1041, 1055, 1057, 1059, 1072, 1075  
Parametric resonance 110 (1991) 91  
Parametric spin wave testing 92 (1990) 116  
Particle clusters 104–107 (1992) 1551  
Particles 101 (1991) 248  
104–107 (1992) 961, 975, 1563  
  – correlations 95 (1991) 319  
  – fine 104–107 (1992) 979, 1547, 1553, 1557, 1565, 1567, 1571, 1589  
  – fine ferromagnetic 95 (1991) 76, 249  
97 (1991) 329  
99 (1991) 39, 119  
103 (1992) 126  
104–107 (1992) 1574, 1695  
  – magnetic 104–107 (1992) 128, 167, 1585  
  – magnetization 99 (1991) 7  
  – regular shaped 104–107 (1992) 329  
  – single-domain 92 (1990) 185  
96 (1991) 23  
104–107 (1992) 1152, 1543, 1569  
  – size 96 (1991) 29  
98 (1991) 28  
101 (1991) 379  
104–107 (1992) 633  
96 (1991) 82, 89, 105  
98 (1991) 210  
94 (1991) 267  
  – size distribution 104–107 (1992) 979  
  – small 104–107 (1992) 969  
  – strongly magnetic 92 (1990) 217  
  – submicron 95 (1991) 365  
  – ultrafine 96 (1991) 82  
101 (1991) 403  
Particulate coatings 100 (1991) 413  
Pauli paramagnets 99 (1991) 193  
Penetration depth 101 (1991) 29  
108 (1992) 73  
Percolation 104–107 (1992) 357  
Periodic Anderson model 104–107 (1992) 41, 447  
108 (1992) 150  
Permalloy 94 (1991) 109  
95 (1991) 76  
96 (1991) 125  
98 (1991) 215  
104–107 (1992) 1789  
  – films 104–107 (1992) 1847  
Permanent magnets 92 (1990/91) 14, 35, 191, 196, 344  
94 (1991) 57, 67, 113, 220  
95 (1991) 133, 145, 205

- 96 (1991) 29, 60, 197, 206, 211, 215, 219, 335
- 97 (1991) 40, 45, 79, 107, 187, 210, 343
- 98 (1991) 65
- 99 (1991) 55, 119, 133, 204
- 100 (1991) 38, 57, 79
- 101 (1991) 29, 279, 286, 323, 333, 335, 343, 347, 360, 369, 372, 387, 399, 411, 414, 421, 427
- 103 (1992) 58, 65, 165
- 104–107 (1992) 1081, 1111, 1115, 1117, 1121, 1132, 1143, 1145, 1159, 1161, 1165, 1167, 1171, 1173, 1175, 1179, 1216, 1295, 1347, 1447, 2003
- 109 (1992) 103, 209, 271
- 110 (1992) 261, 264
- nucleation-type 97 (1991) 256
- Permeability 96 (1991) 47
- 101 (1991) 143
- 110 (1992) 151
- 104–107 (1992) 395, 427
- complex 97 (1991) 135
- initial 101 (1991) 11
- 102 (1991) 181
- relaxation 101 (1991) 49
- temperature-dependent 97 (1991) 353
- Perpendicular anisotropy 104–107 (1992) 401, 979, 1725, 1885, 1889
- Perpendicular magnetic anisotropy 104–107 (1992) 1845
- Perpendicular magnetization 104–107 (1992) 401, 1725, 1760, 1763, 1772
- Perpendicular recording 104–107 (1992) 965, 981, 983, 1725
- Phase diagram 104–107 (1992) 267, 461, 833, 1515, 1523, 1671, 1929, 2069
- 108 (1992) 1, 73, 202
- 110 (1992) 259
- 100 (1991) 469
- 100 (1991) 469
- 100 (1991) 469
- Phase stability 99 (1991) 293
- Phase transition 100 (1991) 99, 186, 346
- 103 (1992) 73, 139
- 104–107 (1992) 27, 47, 69, 71, 177, 189, 195, 209, 211, 219, 231, 233, 236, 243, 249, 255, 277, 279, 282, 289, 389, 407, 577, 625, 647, 691, 759, 779, 791, 815, 829, 841, 877, 885, 889, 899, 901, 918, 921, 949, 999, 1002, 1271, 1373, 1479, 1507, 1509, 1511, 1615, 1629, 1661, 1785, 1787, 1795, 1915, 1985, 1987, 1989, 1993, 1995, 2011, 2031, 2072, 2092, 2113
- 108 (1992) 1, 5, 163, 205, 207, 213
- antiferro-ferromagnetic 92 (1991) 405
- antiferromagnetic-spin flop 94 (1991) 79
- commensurate-incommensurate 96 (1991) 145
- 104–107 (1992) 199, 901, 1511
- crystal-amorphous 97 (1991) 73
- crystallographic 100 (1991) 346
- 104–107 (1992) 417, 1939, 2025
- double 94 (1991) 85
- double (re-entrant) 99 (1991) 103
- 3D-quasi-1D 95 (1991) 168
- electronic 98 (1991) 285
- ferrimagnetic-spin glass 96 (1991) 175
- ferri-paramagnetic 98 (1991) 273
- ferro-antiferromagnetic 97 (1991) 31
- ferromagnetic 104–107 (1992) 45
- ferromagnetic-spin glass 99 (1991) 280
- ferro-paramagnetic 92 (1991) 344
- field-induced 98 (1991) 19
- 100 (1991) 99, 515
- 104–107 (1992) 173, 1139, 1223, 1237, 1262, 1311, 1323, 1401, 1403
- first-order 94 (1991) 96, 342
- 104–107 (1992) 47, 350, 453, 823, 859, 1139, 1323
- high-spin-low-spin 92 (1990) 87
- low-spin-high-spin 104–107 (1992) 405
- low-temperature 98 (1991) 147
- magnetic 94 (1991) 287
- 96 (1991) 305
- 97 (1991) 246
- 98 (1991) 231
- 103 (1992) 129, 179
- 104–107 (1992) 41, 51, 53, 55, 170, 229, 271, 287, 300, 501, 553, 771, 819, 887, 891, 895,

- 897, 925, 927, 997,  
1185, 1187, 1193,  
1289, 1298, 1339,  
1383, 1613, 1641,  
1859, 1939, 1955,  
1957, 1979, 2025,  
2027, 2063, 2081  
108 (1992) 113, 175  
109 (1992) 113, 139, 172,  
275  
110 (1991) 80, 181, 259,  
327
- martensitic 104–107 (1992) 2013
- metal–insulator 104–107 (1992) 1953
- metal–nonmetal 104–107 (1992) 41, 45,  
251, 723, 2099
- metamagnetic 96 (1991) 275  
100 (1991) 99  
102 (1991) 42  
104–107 (1992) 1639
- nonequilibrium 104–107 (1992) 267
- order–order 104–107 (1992) 373
- orientational 110 (1991) 221
- para–antiferromagnetic 92 (1990) 155  
98 (1991) 239
- Pott's model 104–107 (1992) 264
- pressure-induced 92 (1990) 75
- processes 92 (1990) 116
- second-order 104–107 (1992) 275, 287,  
929
- spin-flop 95 (1991) 175  
104–107 (1992) 277
- spin flop–paramagnetic 94 (1991) 79
- spin glass 104–107 (1992) 264, 937,  
2040
- spin reorientation 96 (1991) 29
- Phonon excitations 104–107 (1992) 951
- Phonons 102 (1991) 339  
103 (1992) 50  
104–107 (1992) 663, 701,  
1741
- dispersion 97 (1991) 210
- Photoelectron diffraction
- spin-polarized 92 (1991) 301
- Photoelectron spectra 108 (1992) 215
- Photoemission 93 (1991) 31, 150, 523,  
529  
100 (1991) 363  
104–107 (1992) 23, 671,  
1691, 1693, 1781  
108 (1992) 129  
104–107 (1992) 427
- Photoinduced magnetic effect
- Photoluminescence 95 (1991) 154
- Pick up coils 101 (1991) 389
- Pi-electron systems 92 (1990) 171
- Piezomagnetic effect 97 (1991) 263
- Pinning 96 (1991) 13
- centres 101 (1991) 19
- Plane rotator model 104–107 (1992) 227
- Platinum 104–107 (1992) 727
- Polarization
- electric 103 (1992) 250  
99 (1991) 20
- free electron 103 (1992) 250
- magnetic 96 (1991) 282
- neutron 104–107 (1992) 1825
- Pd 98 (1991) 261
- remanent 103 (1992) 250
- saturation 97 (1991) 83
- spontaneous 98 (1991) 273
- Polarized magnetic moment 104–107 (1992) 1845
- Polarized neutrons 108 (1992) 163
- Polycrystalline MnZn ferrite 104–107 (1992) 421
- Polymer bonding 101 (1991) 375, 377
- Polymers 104–107 (1992) 2099  
92 (1990) 171
- Potential barrier 100 (1991) 527
- Pott's model 104–107 (1992) 209, 257
- Powder/dust-separation 94 (1991) 191
- Powder metallurgy route 101 (1991) 328
- Power law 104–107 (1992) 1659
- Power loss 101 (1991) 296
- PrBaCuO 104–107 (1992) 623
- Pr-based alloys 108 (1992) 85
- PrCo<sub>12</sub>B<sub>6</sub> 104–107 (1992) 1313
- PrCo<sub>2</sub>Si<sub>2</sub> 104–107 (1992) 901, 1311
- Preisach model 104–107 (1992) 313
- Pressure dependence 108 (1992) 49
- Pressure effect 92 (1991) 397, 405  
100 (1991) 186, 346  
104–107 (1992) 29, 515,  
532, 643, 645, 647,  
711, 1371, 1441, 1927,  
1929, 1951, 1957,  
1983, 2059, 2061, 2063  
108 (1992) 63, 113, 138  
109 (1992) 169  
110 (1992) 259
- Proximity effects 99 (1991) 45
- Pseudoternary compounds 95 (1991) 133
- PuS 104–107 (1992) 65
- PuSe 104–107 (1992) 65
- PuTe 104–107 (1992) 65
- 3-*q* phase 104–107 (1992) 913
- Quadrilayer 104–107 (1992) 1013
- Quadrupolar interactions 96 (1991) 145
- Quadrupolar moment 95 (1991) 157
- Quadrupole ordering 104–107 (1992) 2105  
108 (1992) 211
- Quadrupole shift 104–107 (1992) 2051
- Quantum effect 104–107 (1992) 869
- Quantum fluctuations 104–107 (1992) 761, 799,  
809, 857, 863, 1689



- Quantum Monte Carlo simulation 104–107 (1992) 863  
 Quantum thermodynamics 104–107 (1992) 785  
 Quantum *XY* model 104–107 (1992) 222  
 Quasicrystal 96 (1991) 17  
     98 (1991) 261, 273  
     104–107 (1992) 2033  
 Quasicrystalline phase  
   – magnetic properties 109 (1992) 1  
 Quasi-ferromagnetism 104–107 (1992) 243  
 Quenching 104–107 (1992) 885, 1595  
   – rapid 92 (1990) 30, 53  
 Quench melt growth 104–107 (1992) 539  
 Radial distribution function 92 (1990) 207  
 Raman scattering 104–107 (1992) 1053  
 Random anisotropy 104–107 (1992) 163, 165,  
     216, 243, 2079  
 Random-field Ising model 104–107 (1992) 213  
 Random fields 96 (1991) 315  
     104–107 (1992) 77, 179,  
     193, 269, 277, 389  
 Random field systems 100 (1991) 272  
 Random interactions 92 (1990) 59  
 Random magnet systems 104–107 (1992) 423  
 Random systems 95 (1991) 221  
     96 (1991) 77  
     97 (1991) 198, 205  
     104–107 (1992) 103, 157,  
     161, 187, 189, 261,  
     264, 275, 309, 947,  
     1595, 1603, 1613,  
     1643, 1655, 1661, 1663  
 Random *XY* model 104–107 (1992) 289  
 Rapid quenching 101 (1991) 83  
   – vapor quenching 110 (1991) 106  
 Rapid solidification 101 (1991) 114, 360  
 Rare earth 104–107 (1992) 103, 419,  
     1481, 1513, 1529, 1537  
     109 (1992) 159  
   – actinides 108 (1992) 113  
   – alloys 100 (1991) 139  
     104–107 (1992) 103, 121,  
     363, 1209, 1471, 1501,  
     1509, 1519, 1521,  
     1525, 1527, 1632  
     108 (1992) 82, 161  
     109 (1992) 64  
     92 (1990) 201  
     96 (1991) 305  
     97 (1991) 53  
     98 (1991) 333  
     100 (1991) 38, 126, 151,  
     173, 186, 218, 292,  
     363  
     101 (1991) 355, 399, 401  
     104–107 (1992) 170, 489,  
     551, 643, 645, 901,  
     953, 1145, 1159, 1165,  
     1185, 1187, 1189,  
     1204, 1225, 1243,  
     1247, 1267, 1269,  
     1281, 1355, 1385,  
     1387, 1397, 1401,  
     1431, 1951  
     108 (1992) 105, 125  
     109 (1992) 197, 237, 249,  
     309, 316, 349  
     110 (1991) 119, 287  
     100 (1991) 38, 126, 173,  
     186, 292, 363  
     100 (1991) 151  
     98 (1991) 307  
     104–107 (1992) 1201  
     104–107 (1992) 1233  
     108 (1992) 165  
     101 (1991) 97, 392, 424  
     102 (1991) 42, 91  
     103 (1992) 267  
     104–107 (1992) 317, 653,  
     661, 1171, 1229, 1237,  
     1262, 1277, 1285,  
     1291, 1298, 1301,  
     1303, 1311, 1313,  
     1357, 1359, 1365,  
     1367, 1373, 1375,  
     1383, 1389, 1403,  
     1413, 1415, 1433, 1479  
     108 (1992) 143  
     109 (1992) 17, 34  
     92 (1990) 80, 101  
     94 (1991) 11, 287  
     96 (1991) 145  
     97 (1991) 169  
     98 (1991) 141  
     104–107 (1992) 874  
     110 (1991) 317  
     99 (1991) 229  
     92 (1991) 397, 405  
     100 (1991) 99, 139, 363,  
     497  
     102 (1991) 33, 87  
     103 (1992) 86, 204, 231  
     104–107 (1992) 177, 911,  
     1457, 1496, 1499,  
     1503, 1505, 1511,  
     1517, 1531, 1533,  
     1901, 1915  
     101 (1991) 345, 375, 377,  
     382, 385  
     104–107 (1992) 1098,  
     1439  
     104–107 (1992) 655, 1239,  
     1241  
     99 (1991) 95  
   – permanent magnet  
   – pnictides  
   – ternary silicides
- – intermetallic  
 – – pnictides  
 – Curie constants  
 – halides  
 – hexaboride  
 – intermetallic  
 – intermetallic compound  
 – intermetallic nitrides  
 – metals

- thin films 104–107 (1992) 1729
- Rare earth–transition metal alloys 104–107 (1992) 1361
- Rare earth–transition metal compounds
  - 92 (1990) 14, 35, 46, 191, 196
  - 94 (1991) 6, 15, 49, 57, 67, 113, 260, 357
  - 95 (1991) 35, 145, 184, 195, 205
  - 96 (1991) 29, 41, 60, 114, 206, 211, 215, 219
  - 97 (1991) 4, 15, 37, 45, 69, 79, 147, 187, 210
  - 98 (1991) 76, 257, 291
  - 99 (1991) 55, 123, 159, 193, 204, 239
  - 100 (1991) 38, 57, 79, 90, 99, 126, 173
  - 102 (1991) 30, 67, 151, 217, 266, 275, 323
  - 103 (1992) 58, 65, 245
  - 104–107 (1992) 133, 135, 143, 397, 585, 731, 1102, 1117, 1123, 1139, 1152, 1155, 1157, 1163, 1195, 1198, 1211, 1221, 1227, 1262, 1275, 1308, 1319, 1321, 1325, 1327, 1329, 1331, 1333, 1339, 1341, 1347, 1349, 1369, 1405, 1429, 1441, 1460, 1473, 1477, 1959, 2079
  - 109 (1992) 59, 103, 109, 113, 151, 185, 209, 265, 275
  - 110 (1991) 20, 25, 29, 209, 261, 264, 323
- amorphous
  - 92 (1990/91) 137, 353
  - 95 (1991) 43
  - 97 (1991) 40
  - 98 (1991) 155
  - 99 (1991) 103
- interstitial carbides
  - 109 (1992) 271
  - 110 (1991) 170
- interstitial hydrides
  - 103 (1992) 157
- interstitial nitrides
  - 103 (1992) 53, 165
  - 109 (1992) 153
- single crystals
  - 110 (1991) 337
- Rare earth–transition metal films 104–107 (1992) 1033
- Rare earth–transition metal intermetallics 104–107 (1992) 1468
- Rare earth–transition metal multilayers 104–107 (1992) 1861, 1889
- Rare earth–transition metals
  - 104–107 (1992) 1252, 1279, 1344, 1378, 1381, 1399, 1418, 1444, 1455
- Rayleigh hysteresis 110 (1991) 151
- $\text{Rb}_2\text{Co}_x\text{Mg}_{1-x}\text{F}_4$  104–107 (1992) 947
- $\text{RbMnBr}_3$  104–107 (1992) 791
- R–Co amorphous alloys 104–107 (1992) 1813
- Reaction-diffusion process 104–107 (1992) 267
- Read/write 104–107 (1992) 965
- $\text{REBaSrCu}_3\text{O}_y$  104–107 (1992) 1219
- Recording
  - 100 (1991) 425
  - magneto-optical 100 (1991) 425
  - tapes 101 (1991) 235
- Recrystallization
  - 92 (1990) 125
  - 97 (1991) 281
  - secondary 94 (1991) 53
  - texture 101 (1991) 114
- Reduction process 101 (1991) 167
- Re-entrance 104–107 (1992) 184
- Re-entrant ferromagnetism 104–107 (1992) 231, 1641
- Re-entrant phase 110 (1992) 103
- Re-entrant spin glass
  - 109 (1992) 139
  - 94 (1991) 85
  - 103 (1992) 78
  - 104–107 (1992) 87, 2069
  - behavior 103 (1992) 25
  - ordering 96 (1991) 329
- Re-entrant system 104–107 (1992) 1665
- Re-entrant transition 104–107 (1992) 1427
- RE–Fe compounds 104–107 (1992) 1219
- Reflectivity spectrum 104–107 (1992) 1947
- Relative permeability 104–107 (1992) 1899
- Relativistic APW method 104–107 (1992) 65
- Relativistic effects
  - 100 (1991) 241
  - 104–107 (1992) 733
- Relativistic theory 104–107 (1992) 755
- Relaxation
  - 98 (1991) 60, 141
  - 99 (1991) 323
  - 100 (1991) 497
  - 104–107 (1992) 139, 225, 487, 1589, 1597, 1617, 1793
  - dielectric 98 (1991) 33
  - nonequilibrium 92 (1990) 228
  - paramagnetic 97 (1991) 178
  - rates 92 (1990) 116
  - spin lattice 97 (1991) 316
  - structural 94 (1991) 153
  - times 104–107 (1992) 1063, 1659
- Remanence
  - 92 (1990) 1
  - 100 (1991) 38, 57, 413
  - 101 (1991) 360
  - 104–107 (1992) 377, 415, 537, 1173, 1611, 1617
  - angular 95 (1991) 118
  - principal 95 (1991) 17

- ratio 104–107 (1992) 1747
- Remanent magnetization 104–107 (1992) 1601, 1993
- Renormalization group 100 (1991) 515  
104–107 (1992) 161, 204, 236, 251, 275, 300  
108 (1992) 129
- methods 104–107 (1992) 222, 273, 294, 297
- Reservoir dynamics 97 (1991) 305
- Resistivity 101 (1991) 32, 52, 207  
104–107 (1992) 29, 45, 565, 997, 1387  
108 (1992) 69, 167, 199
- spin disorder 104–107 (1992) 95
- temperature-dependent 101 (1991) 148  
104–107 (1992) 573, 1503
- Resonance
  - ferromagnetic 109 (1992) 293
  - nonuniform 109 (1992) 293
- Resonating valence bond 104–107 (1992) 547
- Reversal mechanism 97 (1991) 102  
104–107 (1992) 961
- $R_2Fe_{14}B$  104–107 (1992) 1363
- $R_2Fe_{17}C_{3-8}$  104–107 (1992) 1439
- RF sputtering 104–107 (1992) 1769  
110 (1992) 233
- RHEED 99 (1991) 25
- Ridge magnetization 101 (1991) 293
- Rietveld 104–107 (1992) 571
- RKKY 104–107 (1992) 1519, 1521, 1734
  - interaction 109 (1992) 237
  - interactions 94 (1991) 85
- R-lines 104–107 (1992) 944
- Room temperature superconductivity 104–107 (1992) 581
- Rotating actuator 104–107 (1992) 1135
- Rotating magnetic field 97 (1991) 25
- Samarium 104–107 (1992) 659
- Sandwiches 100 (1991) 440
- Sandwich structure 101 (1991) 193  
103 (1992) 236
- Saturation magnetization 104–107 (1992) 971, 1451, 1829
- Scaling 104–107 (1992) 216, 300
- Scanning electron microscope 95 (1991) 85  
97 (1991) 107, 119
- spin-polarized 104–107 (1992) 1805
- Scanning laser microscope 95 (1991) 49
- Scanning microscopy 100 (1991) 481
- Scanning tunneling microscopy 101 (1991) 199
- Scattering
  - critical 104–107 (1992) 1204
  - elastic 104–107 (1992) 1204
- spin disorder 104–107 (1992) 2049, 2079  
108 (1992) 143
- Secondary recrystallization 101 (1991) 128
- Self biasing 101 (1991) 213
- Self-consistent renormalization theory 100 (1991) 261
- Self-energy 104–107 (1992) 593
- Self-gravitating
  - fluid 94 (1991) 311  
96 (1991) 291  
94 (1991) 141
- gas jet 110 (1991) 39
- Self-trapped states 94 (1991) 278
- Semiconducting glasses 108 (1992) 217
- Semiconductor band structure 100 (1991) 322  
101 (1991) 148  
101 (1991) 162
- Semiconductors 104–107 (1992) 989, 1605  
100 (1991) 322
- semimagnetic 104–107 (1992) 239, 447, 1676
- diluted magnetic
- Semi-spin glass 93 (1991) 116
- SEMPA 100 (1991) 1
- Sensors 92 (1990) 19
- magnetic garnet films 103 (1992) 221
- Short period oscillations 104–107 (1992) 835, 837  
92 (1990) 207  
95 (1991) 43  
96 (1991) 162
- Short-range interaction 100 (1991) 13  
102 (1991) 184  
104–107 (1992) 743, 819, 1245, 1593, 2017, 2065
- Short-range order 104–107 (1992) 1241
- Shubnikov–de Haas effect
- Sigma model
  - nonlinear 104–107 (1992) 541
- Silicon iron 104–107 (1992) 387
- Simulation 104–107 (1992) 319
- Sine-Gordon model 104–107 (1992) 1077
- Sine-Gordon theory 104–107 (1992) 1067
- Single crystal high- $T_c$  104–107 (1992) 630
- Single-crystal particles 110 (1991) 91
- Single crystals 104–107 (1992) 481  
92 (1990) 185  
102 (1991) 103
- Single-domain particles 104–107 (1992) 718, 1851  
104–107 (1992) 191
- Single domains 92 (1990) 196  
92 (1990) 14
- Single-ion anisotropy 104–107 (1992) 15, 771, 1273, 1357, 1457
- Single-ion model 110 (1991) 337
- Single-point detection 96 (1991) 189  
97 (1991) 79
- Singlet ground state 101 (1991) 343  
109 (1992) 275
- nonmagnetic
- Singular point detection
- technique
- Sintered ferromagnets



- Sintered magnets 103 (1992) 151  
109 (1992) 213
- Sinusoidal induction excitation 110 (1991) 151
- $S = 1$  Ising model 104–107 (1992) 285
- Size determination 104–107 (1992) 1555
- Skin effect 99 (1991) 91
- Skymions 104–107 (1992) 793
- Slater–Pauling curves 100 (1991) 241
- Small moments 108 (1992) 1
- Small particles 104–107 (1992) 229, 979, 1577, 1585, 1587
- Sm(Co,Cu,Fe,Zr) magnets 104–107 (1992) 1126
- SmGa<sub>2</sub> 108 (1992) 125
- Sm<sub>3</sub>Se<sub>4</sub> 108 (1992) 220
- Sm<sub>3</sub>Te<sub>4</sub> 108 (1992) 213
- Soft ferrites 104–107 (1992) 401
- Soft magnetic materials 92 (1990) 284  
96 (1991) 47, 97, 137, 230  
97 (1991) 135, 198, 205  
101 (1991) 6, 55, 57, 89, 92  
102 (1991) 139  
103 (1992) 250, 274  
104–107 (1992) 100, 375, 387, 1829, 2116
- core loss 110 (1991) 25
- Soft magnetic properties 104–107 (1992) 1813
- Soft magnetism 104–107 (1992) 1090, 1899
- Soft materials 93 (1991) 131, 242, 247, 257, 356
- Soft modes 100 (1991) 515  
104–107 (1992) 949, 1035
- Soft X-ray 109 (1992) 288
- Solid state reaction 104–107 (1992) 563
- Solitons 104–107 (1992) 246, 273, 793, 1045, 1067, 1077, 2099
- Specific heat 96 (1991) 26, 305  
97 (1991) 15, 223, 291  
98 (1991) 298, 333  
100 (1991) 99, 126, 186, 204, 272, 292, 346  
102 (1991) 199  
104–107 (1992) 17, 23, 55, 113, 175, 181, 477, 479, 489, 613, 639, 691, 693, 779, 785, 803, 837, 881, 901, 959, 989, 1233, 1245, 1298, 1319, 1367, 1385, 1387, 1435, 1507, 1593, 1632, 1918, 1973, 2059, 2061  
108 (1992) 1, 45, 49, 65, 69, 147, 161, 207, 209, 213, 220
- electronic 99 (1991) 171
- high-temperature 92 (1990) 87
- magnetic 104–107 (1992) 621, 1435
- Spectral density 108 (1992) 179
- SPEES 93 (1991) 534
- Sperimagnetism 100 (1991) 1
- Speromagnet 104–107 (1992) 133
- Spin clusters 104–107 (1992) 811, 955, 1577, 1641, 1668
- Spin correlation functions 104–107 (1992) 267, 766, 855, 1647
- Spin correlations 102 (1991) 331  
108 (1992) 107
- Spin crossover 104–107 (1992) 225
- Spin density 100 (1991) 497  
102 (1991) 127  
104–107 (1992) 630
- approximation 104–107 (1992) 1496
- functional theory 104–107 (1992) 1019
- Spin-density waves 92 (1990) 251  
104–107 (1992) 697, 749, 759, 1632, 1999, 2029, 2031  
109 (1992) 139
- Spin-dependent absorption 104–107 (1992) 1418
- Spin-dependent interfacial scattering 100 (1991) 527  
104–107 (1992) 2092
- Spin diffusion 108 (1992) 119, 121
- Spin dynamics 104–107 (1992) 1315
- Spin echo 104–107 (1992) 635
- method 92 (1991) 388
- Spinel 96 (1991) 101  
97 (1991) 119, 329  
102 (1991) 51  
104–107 (1992) 1641, 1643
- ferrites 104–107 (1992) 415, 425
- Spin exchange interaction 104–107 (1992) 991
- Spin excitations 99 (1991) 323
- Spin-flip transition 109 (1992) 179
- Spin flop 104–107 (1992) 791, 939, 1861
- phase 104–107 (1992) 1079  
108 (1992) 211
- Spin fluctuation 100 (1991) 204, 261, 292  
103 (1992) 50  
104–107 (1992) 456, 511, 671, 675, 677, 691, 701, 703, 705, 747, 825, 1257, 1918  
108 (1992) 115
- antiferromagnetic 100 (1991) 261
- Spin frustration 104–107 (1992) 859

- Spin glass  
 92 (1990) 6, 228  
 96 (1991) 89, 315  
 98 (1991) 60, 245  
 99 (1991) 280  
 102 (1991) L15  
 103 (1992) 37  
 104–107 (1992) 87, 135,  
 163, 165, 179, 269,  
 513, 549, 1271, 1593,  
 1595, 1599, 1601,  
 1603, 1605, 1607,  
 1609, 1611, 1613,  
 1615, 1617, 1619,  
 1621, 1623, 1625,  
 1627, 1629, 1632,  
 1635, 1637, 1639,  
 1641, 1643, 1645,  
 1647, 1649, 1657,  
 1661, 1663, 1665,  
 1676, 2033, 2085  
 109 (1992) 67  
 110 (1991) 197  
 96 (1991) 223, 261, 329  
 104–107 (1992) 2101  
 96 (1991) 175  
 110 (1991) 103  
 97 (1991) 316  
 100 (1991) 322  
 110 (1991) 295  
 104–107 (1992) 1693  
 104–107 (1992) 505  
 104–107 (1992) 231  
 100 (1991) 481, 515  
 104–107 (1992) 1942  
 109 (1992) 151  
 92 (1991) 301  
 94 (1991) 134  
 99 (1991) 71  
 102 (1991) L233  
 104–107 (1992) 1182,  
 1693, 1781, 2055  
 Spin-polarized electron tech-  
 niques  
 100 (1991) 481  
 Spin relaxation  
 104–107 (1992) 1595  
 108 (1992) 123  
 94 (1991) 6  
 95 (1991) 184  
 96 (1991) 29, 206  
 97 (1991) 37, 79  
 99 (1991) 204  
 100 (1991) 57, 99, 173,  
 515, 544  
 101 (1991) 97, 111, 131,  
 341, 382  
 104–107 (1992) 453, 519,  
 949, 1051, 1149, 1159,  
 1167, 1193, 1227,  
 1277, 1301, 1339,  
 1341, 1363, 1369,  
 1371, 1429, 1995  
 109 (1992) 113  
 110 (1992) 20  
 104–107 (1992) 1363  
 104–107 (1992) 1113  
 104–107 (1992) 125  
 104–107 (1992) 1523  
 93 (1991) 80, 229, 281,  
 290, 403, 489, 616  
 100 (1991) 139, 481, 515,  
 527  
 101 (1991) 175  
 104–107 (1992) 246, 699,  
 718, 721, 743, 809,  
 847, 949, 1035, 1041,  
 1053, 1055, 1065,  
 1069, 1079, 1577,  
 1707, 1783, 1835,  
 1865, 1876, 2109  
 104–107 (1992) 1053,  
 1065  
 104–107 (1992) 2053  
 97 (1991) 286  
 104–107 (1992) 557  
 104–107 (1992) 1807  
 109 (1992) 359  
 92 (1990) 116  
 97 (1991) 1  
 97 (1991) 210  
 101 (1991) 187  
 109 (1992) 341  
 104–107 (1992) 1381  
 100 (1991) 481  
 100 (1991) 481, 515  
 104–107 (1992) 855, 1798  
 100 (1991) 515  
 104–107 (1992) 769  
 104–107 (1992) 2047  
 104–107 (1992) 1851  
 Sputtered films  
 Sputtered multilayers  
 Sputtering  
 – thin films  
 95 (1991) 356  
 97 (1991) 329  
 Squareness ratio  
 104–107 (1992) 491, 1613,  
 1816  
 – magnetometer  
 104–107 (1992) 1132,  
 1611, 2069, 2103  
 Stability against radiation  
 101 (1991) 345  
 Stacked cores  
 101 (1991) 62  
 Staggered field  
 104–107 (1992) 1223  
 Staggered susceptibility  
 104–107 (1992) 757  
 Static magnetization  
 104–107 (1992) 1613  
 Static scaling  
 104–107 (1992) 1621  
 Statistical theory  
 104–107 (1992) 233, 267,  
 1991  
 – field-induced  
 104–107 (1992) 1363  
 – temperature  
 104–107 (1992) 1113  
 Spin resonance  
 104–107 (1992) 125  
 Spin-slip structures  
 104–107 (1992) 1523  
 Spin waves  
 93 (1991) 80, 229, 281,  
 290, 403, 489, 616  
 100 (1991) 139, 481, 515,  
 527  
 101 (1991) 175  
 104–107 (1992) 246, 699,  
 718, 721, 743, 809,  
 847, 949, 1035, 1041,  
 1053, 1055, 1065,  
 1069, 1079, 1577,  
 1707, 1783, 1835,  
 1865, 1876, 2109  
 104–107 (1992) 1053,  
 1065  
 104–107 (1992) 2053  
 97 (1991) 286  
 104–107 (1992) 557  
 104–107 (1992) 1807  
 109 (1992) 359  
 92 (1990) 116  
 97 (1991) 1  
 97 (1991) 210  
 101 (1991) 187  
 109 (1992) 341  
 104–107 (1992) 1381  
 100 (1991) 481  
 100 (1991) 481, 515  
 104–107 (1992) 855, 1798  
 100 (1991) 515  
 104–107 (1992) 769  
 104–107 (1992) 2047  
 104–107 (1992) 1851  
 Sputtered films  
 Sputtered multilayers  
 Sputtering  
 – thin films  
 95 (1991) 356  
 97 (1991) 329  
 Squareness ratio  
 104–107 (1992) 491, 1613,  
 1816  
 – magnetometer  
 104–107 (1992) 1132,  
 1611, 2069, 2103  
 Stability against radiation  
 101 (1991) 345  
 Stacked cores  
 101 (1991) 62  
 Staggered field  
 104–107 (1992) 1223  
 Staggered susceptibility  
 104–107 (1992) 757  
 Static magnetization  
 104–107 (1992) 1613  
 Static scaling  
 104–107 (1992) 1621  
 Statistical theory  
 104–107 (1992) 233, 267,  
 1991

- Steel  
 – high-strength 96 (1991) 137  
 Step moments 100 (1991) 481  
 Stiffness constant 97 (1991) 286  
 Stoner enhancement factor 104–107 (1992) 727  
 Stoner-type contribution 104–107 (1992) 2053  
 Stoner–Wohlfarth particle 104–107 (1992) 1547  
 Stoner–Wohlfarth theory 109 (1992) 301  
 Strain 94 (1991) 247  
 Stratified magnetic bodies 101 (1991) 81  
 Stray field 104–107 (1992) 963, 971  
 Stress 104–107 (1992) 1453  
 – internal 94 (1991) 29  
 – effects 92 (1990) 181  
 98 (1991) 349  
 101 (1991) 122, 125  
 104–107 (1992) 355  
 Stress-induced anisotropy 104–107 (1992) 1831  
 Stripe domains 104–107 (1992) 241  
 Strong correlations 108 (1992) 170  
 Structural defects 104–107 (1992) 871  
 Structural disorder 92 (1990) 265, 267  
 104–107 (1992) 123  
 Structural/magnetic transition 104–107 (1992) 29  
 Structural phase transitions 104–107 (1992) 193, 1187  
 Structural relaxation 94 (1991) 153  
 101 (1991) 99  
 102 (1991) 47  
 104–107 (1992) 128  
 104–107 (1992) 853  
 104–107 (1992) 173  
 98 (1991) 10  
 102 (1991) 184  
 104–107 (1992) 501, 645,  
 885, 2006  
 Sublattice interactions 92 (1990) 201  
 Submicron grained materials 110 (1991) 73  
 Substrate preparation processes 110 (1991) 227  
 Superconductivity 97 (1991) 131, 297  
 100 (1991) 126, 186, 204,  
 218, 261, 425  
 104–107 (1992) 77, 229,  
 471, 473, 475, 477,  
 479, 481, 493, 499,  
 515, 527, 535, 543,  
 551, 565, 633, 661,  
 1247, 1777, 2105  
 108 (1992) 1, 15, 23, 71,  
 75, 138  
 – anions 100 (1991) 425  
 – high- $T_c$  92 (1990) 19  
 94 (1991) 119  
 95 (1991) 58, 168, 195  
 96 (1991) 41  
 97 (1991) 112  
 99 (1991) 239  
 101 (1991) 105  
 104–107 (1992) 456, 465,  
 483, 485, 487, 489,  
 491, 495, 501, 503,  
 509, 511, 513, 517,  
 521, 523, 525, 529,  
 532, 545, 553, 555,  
 559, 568, 571, 579,  
 583, 585, 591, 596,  
 601, 603, 605, 607,  
 613, 621, 769, 1223,  
 1945  
 110 (1992) 39, 175  
 – high temperature 100 (1991) 218  
 Superconductors 101 (1991) 175, 276  
 104–107 (1992) 469  
 – high- $T_c$  110 (1991) 91  
 Super-effective field 104–107 (1992) 929  
 Superexchange 94 (1991) 337  
 100 (1991) 322, 527  
 102 (1991) 305  
 104–107 (1992) 447, 835,  
 933, 1981  
 Superferromagnetism 104–107 (1992) 1793  
 Superlattices 96 (1991) 1, 7  
 97 (1991) 102, 227, 329  
 98 (1991) 10  
 100 (1991) 440  
 102 (1991) L5  
 103 (1992) 7  
 104–107 (1992) 1747,  
 1883  
 – growth 110 (1991) 239  
 Superparamagnetic 110 (1991) 99  
 Superparamagnetism 94 (1991) 267  
 96 (1991) 89  
 104–107 (1992) 561, 1549,  
 1560, 1565, 1567,  
 1571, 1574  
 Superstructure 100 (1991) 481  
 Surface anisotropy 104–107 (1992) 1587,  
 1816, 1885  
 Surface chemical composition 104–107 (1992) 971  
 Surface chemical state 95 (1991) 123  
 Surface doping 97 (1991) 338  
 Surface effects 104–107 (1992) 659  
 – EFG 92 (1990) 11  
 Surface impedance 104–107 (1992) 529  
 Surface inhomogeneity 109 (1992) 341  
 Surface magnetism 92 (1991) 301  
 98 (1991) 185  
 99 (1991) 45  
 100 (1991) 363, 440, 469,  
 481, 497  
 104–107 (1992) 275, 1567,  
 1687, 1691, 1695,



- 1697, 1699, 1701, 1781, 1791, 1816
  - 109 (1992) 288
- enhancement 100 (1991) 497
- Surface magnetochemistry 100 (1991) 481
- Surface magneto-optic Kerr effect (SMOKE)
  - 93 (1991) 1, 25, 43, 155, 183, 207, 215, 220, 261, 307
  - 99 (1991) 25
  - 100 (1991) 440, 527
  - 104–107 (1992) 1798
- Surface magnetostriction 104–107 (1992) 1717
- Surface modes 104–107 (1992) 1707
- Surface morphology 104–107 (1992) 1007
- Surface phenomena 99 (1991) 81, 85
- Surface reconstruction 104–107 (1992) 1701
- Surface roughness
  - 92 (1991) 295
  - 104–107 (1992) 971, 1687, 1779
- ferromagnets 109 (1992) 293
- Surface segregation 97 (1991) 281
- Surface shape effect 94 (1991) 29
- Surface spin waves 104–107 (1992) 1679
- Surface stress 104–107 (1992) 385
- Surface treatments 109 (1992) 221
- Surface waves 104–107 (1992) 1709, 1865
- Susceptibility
  - 100 (1991) 497
  - 101 (1991) 3, 148, 162, 372
  - 104–107 (1992) 141, 959, 997, 1641
  - 108 (1992) 147, 161
  - 109 (1992) 185, 316, 349, 359
  - 110 (1991) 32, 139, 161, 181
- ac
  - 92 (1990) 75
  - 94 (1991) 6, 85
  - 95 (1991) 184
  - 96 (1991) 29, 162, 305
  - 97 (1991) 79
  - 99 (1991) 275
  - 103 (1992) 231
  - 104–107 (1992) 13, 69, 71, 89, 133, 165, 243, 401, 473, 547, 549, 603, 615, 833, 893, 1227, 1505, 1507, 1591, 1665, 1879, 1929, 1995, 2033
  - 110 (1991) 103
- amorphous systems 110 (1991) 32
- anisotropy 104–107 (1992) 575
- calculated 110 (1991) 287
- complex 101 (1991) 45
- dc 109 (1992) 309
- domain wall 103 (1992) 231
- dynamic 104–107 (1992) 339, 589, 1571, 1613, 1783
- dynamic magnetic 110 (1991) 119
- field-dependent 95 (1991) 109
- frequency-dependent 98 (1991) 250
- high-field 96 (1991) 105
- high-temperature 92 (1990) 46
- initial 97 (1991) 141
- low-field 98 (1991) 231
- magnetic 98 (1991) 53
- maximum 96 (1991) 89
- nonlinear 98 (1991) 25
- paramagnetic 103 (1992) 231
- static 109 (1992) 67
- static nonlinear 99 (1991) 239
- temperature-dependent 98 (1991) 333
- temperature-dependent 100 (1991) 497
- temperature-dependent 103 (1992) 129
- temperature-dependent 104–107 (1992) 43, 113, 415, 469, 537, 545, 575, 609, 625, 779, 781, 831, 835, 871, 918, 1233, 1245, 1351, 1403, 1457, 1591, 1973, 2049, 2081, 2101
- maximum 109 (1992) 47, 98
- nonlinear 104–107 (1992) 709
- paramagnetic 104–107 (1992) 1641
- static 98 (1991) 239, 298
- static nonlinear 104–107 (1992) 583, 685, 885, 1185, 1991, 2099
- temperature-dependent 104–107 (1992) 187, 189, 1603, 1632
- temperature-dependent 104–107 (1992) 1787
- temperature-dependent 92 (1990/91) 6, 53, 80, 155, 162, 201, 375, 381, 397
- temperature-dependent 94 (1991) 35, 127, 278
- temperature-dependent 95 (1991) 168, 175
- temperature-dependent 96 (1991) 41, 121, 145, 223, 261
- temperature-dependent 97 (1991) 15, 119, 147, 223, 291
- temperature-dependent 98 (1991) 71, 147, 257
- temperature-dependent 99 (1991) 95, 152, 193, 235
- temperature-dependent 109 (1992) 1, 117
- temperature-dependent 110 (1991) 185, 259, 317
- temperature-dependent 104–107 (1992) 2105
- temperature-dependent 104–107 (1992) 1017
- temperature-dependent 103 (1992) 117
- temperature-dependent 104–107 (1992) 977
- temperature-dependent 104–107 (1992) 1803
- temperature-dependent 104–107 (1992) 1947
- Switching characteristics 104–107 (1992) 2105
- Switching field 104–107 (1992) 1017
- Switching process 103 (1992) 117
- Switching speeds 104–107 (1992) 977
- Symmetry 104–107 (1992) 1803
- Synchrotron radiation 104–107 (1992) 1947

- TbB<sub>6</sub> 104–107 (1992) 1233  
 Tb/Fe 93 (1991) 609  
 Tb–Fe–Co/Al multilayers 104–107 (1992) 1855  
 Temperature stability 101 (1991) 338, 417  
 Temperature switch 102 (1991) 135  
 Tensile stress 102 (1991) 63  
 Terfenol 99 (1991) 159  
 104–107 (1992) 1455  
 Ternary alloy films 97 (1991) 171  
 Ternary alloys 102 (1991) 166  
 Ternary compounds 92 (1991) 381  
 Ternary magnets 98 (1991) 71  
 Ternary rare earth compounds 94 (1991) 6, 15, 35, 113  
 98 (1991) 257  
 102 (1991) 67, 71, 266, 323  
 108 (1992) 85, 157  
 Ternary U alloys 108 (1992) 69  
 Ternary U compounds 108 (1992) 67  
 Tetracritical point 104–107 (1992) 197  
 Texture 95 (1991) 215  
 97 (1991) 281  
 101 (1991) 83, 323, 382, 385  
 109 (1992) 103, 375  
 110 (1991) 239  
 – crystallographic 94 (1991) 53  
 – evolution 92 (1990) 125  
 TGA 104–107 (1992) 571  
 Thermal 99 (1991) 119  
 – activation 104–107 (1992) 1126  
 – conductivity 101 (1991) 37, 271  
 108 (1992) 133, 159  
 – excitations 100 (1991) 261  
 – expansion 96 (1991) 301, 305  
 100 (1991) 186, 346  
 101 (1991) 271, 349  
 104–107 (1992) 175, 405, 643, 819, 1305, 1515, 1925, 1939, 1957, 1979, 2035  
 108 (1992) 59, 61, 100, 105  
 109 (1992) 139  
 – – spontaneous 104–107 (1992) 1983  
 – fluctuations 96 (1991) 275  
 – loss 96 (1991) 197  
 – stability 97 (1991) 353  
 103 (1992) 274  
 104–107 (1992) 1829  
 – treatment 104–107 (1992) 1593  
 Thermally induced ferromagnetism 104–107 (1992) 707  
 Thermodynamic properties 97 (1991) 223  
 Thermodynamics 103 (1992) 250  
 104–107 (1992) 1991  
 Thermoelectric power 104–107 (1992) 923, 1955  
 108 (1992) 27, 107, 165, 199, 209  
 Thermomagnetic behaviour 101 (1991) 119  
 Thermomagnetic curves 92 (1990) 185  
 96 (1991) 23  
 Thermomagnetic effects 104–107 (1992) 1271  
 Thermomagnetic relaxation 104–107 (1992) 1769  
 Thermooptics 101 (1991) 157  
 Thermoremanence 104–107 (1992) 539  
 Thin films 92 (1990) 68  
 94 (1991) 109, 197, 215, 235, 247, 251, 293, 302, 357  
 95 (1991) 27, 35, 43, 49, 58, 61, 69, 85, 95, 99, 109, 123, 137, 215, 237, 289, 313, 356  
 96 (1991) 1, 7, 125, 230, 237, 248  
 97 (1991) 171  
 98 (1991) 65, 205, 215, 341  
 99 (1991) 20, 81, 85  
 100 (1991) 413, 481, 497, 515, 527  
 101 (1991) 159, 181, 213  
 102 (1991) 87, 223, 238  
 103 (1992) 7, 13, 221, 228  
 104–107 (1992) 315, 397, 731, 841, 1021, 1027, 1031, 1699, 1707, 1760, 1781, 1791, 1835, 1837, 1903, 1905  
 109 (1992) 79, 133, 179, 243, 288, 298, 301, 367, 375  
 110 (1991) 61, 106, 113, 254  
 – amorphous 92 (1990/91) 137, 353  
 95 (1991) 199  
 – coatings 100 (1991) 413  
 – electrical properties 101 (1991) 211  
 – ferromagnetic 99 (1991) 261  
 – magnetic 104–107 (1992) 331, 1699, 1725, 1741, 1765, 1767, 1783, 1829, 1915  
 92 (1991) 291  
 – magnetoelastic 92 (1990/91) 1, 143, 295  
 – multilayered 110 (1991) 233  
 – multilayer systems 97 (1991) 343  
 – permanent magnet 100 (1991) 413  
 – recording media 92 (1990) 261, 279  
 – single

- soft magnetic 92 (1990) 284
- ultra- 97 (1991) 102
- 99 (1991) 25, 215, 253
- 100 (1991) 481, 515
- Three-dimensional analysis 101 (1991) 283
- Three-sublattice systems 104–107 (1992) 837
- Thrust 101 (1991) 271
- Thulium 104–107 (1992) 563, 1515
- Ti(BeCu)<sub>2</sub> 104–107 (1992) 687
- Time-dependent effects 104–107 (1992) 1611
- Time relaxation 110 (1991) 197
- Titanomagnetism 104–107 (1992) 407
- Topography 104–107 (1992) 453
- Topological criteria 92 (1990) 171
- Torque 99 (1991) 103
- curves 101 (1991) 323, 421
- magnetometry 104–107 (1992) 485, 979, 1163, 1803
- Torsion effect 96 (1991) 321
- Transition metal 100 (1991) 363, 481, 497, 515, 527
- 104–107 (1992) 711, 749, 1323, 1945
- alloys 92 (1990) 30
- 94 (1991) 20, 29, 53, 243
- 96 (1991) 301
- 97 (1991) 83
- 98 (1991) 119
- 99 (1991) 152, 222, 280, 293
- 100 (1991) 241, 346, 363
- 104–107 (1992) 718, 877, 1931, 2025, 2027, 2029, 2031
- – concentrated 100 (1991) 241
- 102 (1991) 47, 56, 63, 139, 175, 184, 199, 238, 247, 283, 297
- compounds 100 (1991) 151, 346, 363
- 102 (1991) L5, 25, 74, 116, 121, 127, 166
- 104–107 (1992) 187, 225, 681, 691, 723, 729, 731, 927, 1053, 1557, 1603, 1819, 1925, 1931, 1935, 1949, 1951, 1953, 1957, 1961, 1979, 2063
- 3d 102 (1991) 261
- ferromagnets 99 (1991) 190
- films 95 (1991) 237
- 104–107 (1992) 1805
- fluorides 92 (1991) 359, 366, 375
- intercalation compound 98 (1991) 60
- ions 104–107 (1992) 995
- multilayers 94 (1991) 1
- pure 94 (1991) 134, 235
- Transmission electron microscopy 96 (1991) 82, 137, 197
- 97 (1991) 73, 343, 353
- 98 (1991) 341
- 99 (1991) 159
- 104–107 (1992) 365, 1092, 1161
- Lorentz 96 (1991) 189
- 98 (1991) 205
- Transport properties 97 (1991) 223
- 98 (1991) 60
- 100 (1991) 527
- 102 (1991) 74
- 104–107 (1992) 639, 1712, 1918, 1973
- 108 (1992) 27, 107, 150
- 110 (1992) 287
- Transverse Ising model 104–107 (1992) 233
- Trapped electrons 104–107 (1992) 991, 999
- Triangular antiferromagnet 104–107 (1992) 779
- Triangular lattice 104–107 (1992) 197, 285, 791, 819, 823, 829, 859, 1045
- Tricritical point 104–107 (1992) 191
- Tunneling 109 (1992) 79
- quantum 109 (1992) 159
- Tunneling junction
- magnetic 98 (1991) 7
- Two-dimensional bilayer 104–107 (1992) 821
- Two-dimensional ferromagnet 104–107 (1992) 931
- Two-dimensional ferromagnetism 104–107 (1992) 1703
- Two-dimensional magnetism 100 (1991) 515
- Two-dimensional spin waves 104–107 (1992) 1868
- Two-dimensional systems 92 (1990) 245
- 100 (1991) 497, 527
- 104–107 (1992) 187, 257, 261, 585, 761, 766, 775, 788, 793, 803, 849, 851, 929, 947
- disordered 96 (1991) 77
- Two-impurity Anderson model 108 (1992) 53
- Two-level systems 104–107 (1992) 693, 1185
- Two-sublattice systems 104–107 (1992) 239, 1643
- UB<sub>12</sub> 108 (1992) 19
- UBe<sub>13</sub> 108 (1992) 1
- UC 108 (1992) 19
- UCu<sub>5</sub> 108 (1992) 1
- UGe<sub>2</sub> 104–107 (1992) 39
- 108 (1992) 19
- Ultrafine particles 104–107 (1992) 1090, 1583
- Ultrasonic attenuation 102 (1991) L15
- 104–107 (1992) 407, 1517, 1527, 2027
- 108 (1992) 109
- Ultrasonic holeburning 104–107 (1992) 957
- Ultrasonic velocity 104–107 (1992) 1293,



- 1527, 1529  
 108 (1992) 109  
 Ultrasonic waves 97 (1991) 246  
 Ultrathin films 104–107 (1992) 1743  
 Uniaxial dipolar ferromagnets 104–107 (1992) 204  
 Uniaxial ferromagnets 104–107 (1992) 297  
 Uniaxial stress 108 (1992) 138  
 UPd<sub>3</sub> 108 (1992) 163  
 UPd<sub>2</sub>In 104–107 (1992) 29  
 UPt<sub>3</sub> 108 (1992) 1, 31, 111, 133, 138  
 U<sub>2</sub>Pt<sub>15</sub>Si<sub>7</sub> 108 (1992) 209  
 Uranium compounds 104–107 (1992) 69  
 108 (1992) 71, 75  
 U(RhRu)<sub>2</sub>Si<sub>2</sub> 108 (1992) 202  
 U(SnIn) alloys 104–107 (1992) 67  
 UTGa<sub>5</sub> 104–107 (1992) 57  
 UThBe 108 (1992) 73  
 U<sub>2</sub>Zn<sub>17</sub> 108 (1992) 1
- Vacancies 104–107 (1992) 969  
 Vacancy ordering 98 (1991) 37  
 Valence changes 104–107 (1992) 1265  
 Valence fluctuations 92 (1991) 388  
 104–107 (1992) 639, 643, 653, 667, 1349  
 108 (1992) 35, 147, 187  
 Valence instabilities 104–107 (1992) 641, 651, 659  
 Valence states 104–107 (1992) 647  
 Valence transitions 97 (1991) 223  
 104–107 (1992) 653  
 108 (1992) 103  
 Vertical Bloch line chains 100 (1991) 455  
 – formation energy 100 (1991) 455  
 – temperature dependence 100 (1991) 455  
 Vertical Bloch lines 104–107 (1992) 305, 307, 331  
 Vibrating sample magnetometer 97 (1991) 286  
 98 (1991) 65  
 101 (1991) 389  
 104–107 (1992) 939, 1871
- Vibronic effects 110 (1991) 295  
 110 (1992) 295  
 Virgin curve 101 (1991) 299  
 Viscosity 98 (1991) 162  
 104–107 (1992) 1555  
 – dynamic 97 (1991) 25  
 – magnetic 95 (1991) 365  
 104–107 (1992) 368  
 Voigt effect 100 (1991) 425  
 Volume effect 104–107 (1992) 653, 1427  
 Vortex dynamics 104–107 (1992) 473, 529, 537
- Wall dynamics 104–107 (1992) 379
- Wasping 104–107 (1992) 1147  
 Weak ferromagnetism 99 (1991) 171  
 100 (1991) 292  
 104–107 (1992) 187, 350, 549, 673, 675, 687, 725, 831, 1317, 1479  
 108 (1992) 115  
 Weak magnetic fields 94 (1991) 342  
 Wear 95 (1991) 289  
 Weberites 97 (1991) 126  
 Weight increase 104–107 (1992) 1147  
 Wiedemann effect 97 (1991) 193
- X $\alpha$  method 104–107 (1992) 445  
 X-ray 101 (1991) 155, 170  
 – absorption 93 (1991) 53, 539  
 104–107 (1992) 2087  
 – absorption spectroscopy 104–107 (1992) 661, 1171, 2001, 2055  
 – diffraction 92 (1990) 1, 14, 30, 53, 125, 137  
 93 (1991) 15, 164  
 94 (1991) 6, 15, 267  
 96 (1991) 60  
 97 (1991) 73, 79, 119, 329  
 98 (1991) 37, 65, 76, 341  
 99 (1991) 152, 199, 229, 243  
 103 (1992) 174, 194  
 104–107 (1992) 47, 177, 453, 563, 565, 645, 1086, 1753, 1795, 1873, 2013  
 – fluorescence 104–107 (1992) 755  
 – photoelectron spectroscopy 100 (1991) 363  
 104–107 (1992) 1147  
 104–107 (1992) 781  
 – powder diffraction 104–107 (1992) 1551  
 – scattering 104–107 (1992) 1551  
 XY model 104–107 (1992) 843
- YAG 104–107 (1992) 439  
 YBaCuO 104–107 (1992) 497, 589, 609, 630  
 YBaSrCuO 104–107 (1992) 589  
 YBCuO 104–107 (1992) 539  
 YbInAgCu 104–107 (1992) 647  
 YbInCu<sub>4</sub> 104–107 (1992) 641  
 YbNiSn 104–107 (1992) 665  
 YCaBaCuO 104–107 (1992) 635  
 YCo<sub>5</sub> 104–107 (1992) 1942  
 Y(Co,Al)<sub>2</sub> 104–107 (1992) 1967  
 YCo<sub>4</sub>B 104–107 (1992) 1289  
 Y(Fe,Al)<sub>2</sub> 104–107 (1992) 1965, 1967  
 YIG 104–107 (1992) 427, 449, 1057, 1059  
 YIG films 104–107 (1992) 429, 1043

Y–Ni compound	104–107 (1992) 725	Zero-field splitting	97 (1991) 297
		Zr(Fe,Co) <sub>2</sub>	104–107 (1992) 1963
Zeeman splitting	104–107 (1992) 727	Zr K edge EXAFS	104–107 (1992) 573

# Handbook of Magnetic Materials, Volume 7

edited by K.H.J. Buschow

©1993 676 pages Hardbound Price: Dfl. 410.00 (US \$ 234.25)  
Subscription price: Dfl. 348.50 (US \$ 199.25) ISBN 0-444-89853-0

The Handbook of Magnetic Materials has a dual purpose. As a textbook it is intended to be of assistance to those who wish to be introduced to a given topic in the field of magnetism without the need to read the vast amount of literature published. As a work of reference it is intended for scientists active in magnetism research. To this purpose the handbook is composed of topical review articles written by leading authorities. In each of these articles an extensive description is given in graphical as well as in tabular form, much emphasis being placed on the discussion of the experimental material in the framework of physics, chemistry and materials science. Volume 7 of the Handbook of Magnetic Materials provides an overview of some of the most exciting topics in magnetism today.

Firstly, a substantial step forward in the understanding of metallic magnetism has been reached by means of electronic band structure calculation. Progress in this area has been made not only due to the availability of high speed computing machines but also due to sophistication in the computational methodology. In Volume 7 of the Handbook two chapters are devoted to this subject, one of which is devoted to the elements and the other dealing primarily with 4f and 5f systems, including examples of the large group of intermetallic compounds. In both chapters the authors have concentrated on explaining the physics behind these band calculations. The chapters are written in a manner understandable to scientists having no experience with band calculations.

Thin film technology has become a key issue in high density magnetic and magneto-optical recording and will be dealt with in future volumes of the Handbook. The present volume introduces the field with a chapter on the magnetism of ultrathin transition metal films, describing the richness in novel magnetic phenomena that has been encountered in the past few years in these materials. Of equal interest are the novel magnetic phenomena observed when magnetic moments are incorporated in a semiconducting matrix. A comprehensive description of these materials is found in the chapter on diluted magnetic semiconductors. A separate chapter is devoted to the progress made in the field of heavy fermions and valence fluctuations, emphasis being placed on the important results obtained by means of neutron scattering. A detailed review of the progress made in the field of rare earth based intermetallic compounds in combination with 3d transition metals completes this multifaceted volume.

**Contents:** Preface. Contents of volumes 1-6. 1. Magnetism in ultrathin transition metal films (*U. Gradmann*). 2. Energy band theory of metallic magnetism in the elements (*V.L. Moruzzi, P.M. Marcus*). 3. Density functional theory of the

ground state magnetic properties of rare earths and actinides (*M.S.S. Brooks, B. Johansson*). 4. Diluted magnetic semiconductors (*J. Kossut, W. Dobrowolski*). 5. Magnetic properties of binary rare-earth 3d-transition-metal intermetallic compounds (*J.J.M. Franse, R.J. Radwanski*). 6. Neutron scattering on heavy fermion and valence fluctuation 4f-systems (*M. Loewenhaupt, K.H. Fischer*). Author index. Subject index. Materials index.

## TO ORDER

Contact your regular supplier or:

**ELSEVIER SCIENCE  
PUBLISHERS**

P.O. Box 103  
1000 AC Amsterdam  
The Netherlands  
attn. Karien van der Harst

Customers in the USA and Canada:

**ELSEVIER SCIENCE  
PUBLISHING CO. INC.**

P.O. Box 882  
Madison Square Station  
New York, NY 10159, USA

*No postage will be added to prepaid book orders. US \$ book prices are valid only in the USA and Canada. In all other countries the Dutch guilder (Dfl.) price is definitive. Customers in the European Community should add the appropriate VAT rate applicable in their country to the price(s). In New York State please add applicable sales tax. All prices are subject to change without prior notice.*

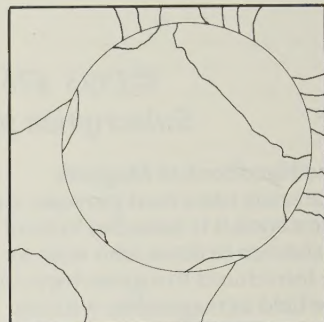


## NORTH-HOLLAND

(AN IMPRINT OF ELSEVIER SCIENCE PUBLISHERS)



# COMPUTATIONAL MATERIALS SCIENCE



**proudly announces Volume 1, Number 3**

*a selection of the 20 articles:*

Some simple models for micromechanical investigations of fiber arrangement effects in MMCs

*H.J. Böhm, F.G. Rammerstorfer and E. Weissenbek*

FE-modelling of the deformation behaviour of WC-Co alloys

*M.H. Poehch, H.F. Fischmeister, D. Kaute and R. Spiegler*

Finite element modelling of a transverse-loaded fibre composite. Effects of section size and net density

*M. Sautter, Ch. Dietrich, M.H. Poehch, S. Schmauder and H.F. Fischmeister*

Structure-property relations in duplex materials

*T. Siegmund, E. Werner and F.D. Fischer*

J-integral concept for multi-phase materials

*D. Weichert and M. Schulz*

The effect of interfacial sliding on the strength of metal matrix composites

*D.B. Zahl*

Modelling of scattering materials properties with stochastic finite element methods

*S. Reh, A. Brückner-Foit and H. Riesch-Oppermann*

Finite element modelling of crack propagation in ductile fracture

*J. Wulf, S. Schmauder and H.F. Fischmeister*

A numerical method for delamination in composites

*H.M. Jensen*

## **Editors:**

**Uzi Landman**

School of Physics  
Georgia Inst. of Technology  
Atlanta GA 30332, USA  
Tel: +1(404) 894-3368  
Fax: +1(404) 853-9958  
Bitnet: PH274UL@GITVM1

**Risto Nieminen**

Laboratory of Physics  
Helsinki Univ. of Technology  
02150 Espoo, Finland  
Tel: +358-0-457-4344  
Fax: +358-0-457-2302  
Internet: RNIEMINEN@CSC.FI

*Two unique features:*

## **Computer Videos**

Authors are encouraged to submit computer videos accompanying their articles; these videos will be made accessible to the readers through the Computational Materials Science Video Library.

## **Electronic Bulletin Board**

Associated with the journal an Electronic Bulletin Board is accessible free of charge. The Bulletin Board will provide information on:

- programmes and subroutines supplied by authors
- data, such as structural coordinates or simulated time sequences pertaining to an article published in the journal
- contents of future issues
- items of further interest, including computer info, etc.
- conference calendar

To receive the Bulletin Board free of charge, send an e-mail to [cmp-soft@sci.funet.fi](mailto:cmp-soft@sci.funet.fi). On the subject line write subscribe (your name). The e-mail address will be automatically extracted. The body of the e-mail is of no significance. By writing 'help' on the subject line you receive more information about this service.

## **Subscription Information**

1992-1993: Volume 1 (in 4 issues)  
Price: US\$ 222.00/Dfl. 368.00  
including postage and handling costs  
ISSN 0927-0256

*The Dutch Guilder (Dfl.) price is definitive.  
US\$ price is subject of exchange rate fluctuations.*



**ELSEVIER**  
SCIENCE PUBLISHERS

For a free sample copy:

**Elsevier Science Publishers**  
P.O. Box 103  
1000 AC Amsterdam  
The Netherlands  
Attn. Ms. K. van der Harst  
Fax: +31 20 5862580



## INFORMATION TO CONTRIBUTORS

### *aim and Scope*

The JOURNAL OF MAGNETISM AND MAGNETIC MATERIALS provides an important forum for the disclosure and discussion of original contributions covering the whole spectrum of topics from basic magnetism to the technology and applications of magnetic materials. The journal encourages greater interaction between the basic and applied sub-disciplines of magnetism with short but comprehensive review articles, short notes and a separate Letters to the Editor section – in addition to the more traditional contributions.

### *Invitation to Authors*

The editors invite contributions on all aspects of fundamental and applied problems in the study of magnetism and magnetic materials. Instructions to Authors are available from the publishers. There are no publication charges and 25 reprints will be provided free of charge, with additional reprints available from the publisher at their normal prices.

Upon acceptance of an article by the journal, author(s) will be asked to transfer copyright of the article to the publisher. This transfer will ensure the widest possible dissemination of information.

Contributions to the **Letters** section should be sent in duplicate either to A.J. Freeman or to I.A. Campbell and simultaneously to the publisher. Letters may not exceed six pages when printed. The original copy, with figures for reproduction, should be sent to:

North-Holland (Elsevier Science Publishers B.V.)  
c/o J.M. Hogendorp, P.O. Box 103, 1000 AC Amsterdam,  
The Netherlands

### SUBMISSION BY TELEFAX IS ENCOURAGED TO:

A.J. Freeman	or	I.A. Campbell
Department of Physics		Lab. de Physique des Solides
Northwestern University		Université de Paris-Sud
Evanston, IL 60208, USA		Bât. 510, 91405 Orsay Cedex
Fax: +1-708-4915082		France
Bitnet:		Fax: +33-1-69416086
art@freeman.phys.nwu.edu		Bitnet: Campbell@FRSOL11

Other contributions, written in English, should be sent in duplicate, preferably to one of the Editors. Contributions may also be submitted to a member of the Advisory Editorial Board who is familiar with the research presented, in which case one copy plus the original figures should be sent simultaneously to A.J. Freeman. Submission of a paper will be taken to imply that it represents original work not previously published, that it is not being considered elsewhere for publication, and that if accepted for publication, it will not be published elsewhere in the same form, in any language, without the consent of the publisher.

All manuscripts will be refereed. They should be typed with double spacing and a wide margin. All pages should be numbered. Before mailing the manuscripts, please check the following points:

1. **Title:** The title should be chosen for its sufficient information content so that it conveys to the informed reader the particular nature of the contents he can expect from the paper. When the length exceeds 45 letters, an abbreviated running title should be indicated.

2. **Abstract:** The abstract of 100–150 words should contain all the substance of the methods and the results achieved.

3. **Key words:** These must be included with the manuscript before refereeing can begin.

4. **Address:** The name(s) of the author(s) and the name and address of the institution where the research work has been done should be indicated on the manuscript. Proofs will be sent by the publisher to this address, unless specifically requested otherwise.

5. **Figures:** The drawings for the figures must be submitted on separate sheets, either as good sharp photoprints (glossy prints), drawn in black indian ink in large size and carefully lettered (with the use of stencils). The lettering as well as the details should have proportionate dimensions so as not to become illegible or unclear after the usual reduction by the printers; in general, the figures should be designed for a reduction factor of two to three. Each figure should have an Arabic number and a caption; the captions should be collected on a separate sheet. The appropriate place of a figure should be indicated in the margin. Figures will be returned after publication of the article.

**Colour plates:** Illustrations can be printed in colour when they are judged by the Editor to be essential to the presentation. The Publisher and the Author will each bear part of the extra costs involved. Further information concerning colour illustrations and the cost to the author is available from the Publisher.

6. **Formulae:** Displayed formulae should be numbered and typed, or clearly written by hand. Vectors will be printed in boldface italics (heavy, slanting type), and should be indicated by a wavy underlining in the type-script. Special attention should be paid to characters that can easily be misread such as i (lower case), I (cap.), l (el), 1 (one), ' (prime), o (lower case), O (cap.), 0 (zero), ° (degree), u, v (vee),  $\nu$  (Greek nu),  $\rho$  (cap.), x, X, z, Z, p, P,  $\rho$  (Greek rho), etc.

7. **Tables:** Tables should be typed on separate sheets. Each table should have a Roman number and a title. The appropriate places for the insertion of the tables should be indicated in the margin.

8. **References:** In the text, reference to other parts of the paper should be made by section (or equation) number, not by page number. References to other papers should be consecutively numbered in the text and should be listed by number, preferably as in the following examples:

For a book: D.J. Craik and R.S. Tebble, *Ferromagnetism and Ferromagnetic Domains* (North-Holland, Amsterdam, 1975) p. 160.

For a paper in a journal: M.A. Ruderman and C. Kittel, *Phys. Rev.* 168 (1968) 679.

For a paper in a contributed volume: A. Carrington, in: *Magnetic Resonance and Radiofrequency Spectroscopy*, ed. P. Averbuch (North-Holland, Amsterdam, 1968) p. 23.

For an unpublished paper: B.N. Harmon, Ph. D. Thesis, Northwestern University, United States (1973).

9. **Footnotes:** As far as possible, footnotes should be avoided.

10. **Set headings** over to the left, with only the first letter capitalised.

11. **Units:** Metric units are preferred. Acceptable abbreviations of units are given in the Style Manual of the American Institute of Physics and similar publications.

12. **Authors** will receive page proofs (including figures) by airmail for correction, which must be returned to the publisher within three days of receipt. Please ensure that a full postal address is given on the first page of the typescript, so that proofs are not delayed in the post. Please note that corrections of other than printer's errors may be charged.

13. **Reprints:** The publisher will supply, free of charge, 50 reprints without covers for each paper. Additional reprints may be ordered by completing the appropriate form sent with proofs.

14. There are no page charges.

# JOURNAL OF MAGNETISM AND MAGNETIC MATERIALS

Master Index Vols. 92-110

---

## CONTENTS

List of Proceedings Published in this period	1
Author index to volumes 92-110	3
Subject index to volumes 92-110	115

